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# **South Dakota GAME REPORT**

**No. 2021 - 12**

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***2020***

**Annual Report**

## **BIG GAME HARVEST PROJECTIONS**

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## PREFACE

Big game harvest estimates reported herein for the 2020 big game seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

Wildlife Division Administrative Section personnel (all seasons except Bighorn sheep and Mountain goat – Corey Huxoll; Bighorn sheep and Mountain goat – Chad Lehman) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R. Harvest survey responses were taken directly over the Internet using Survey123® or the SDGFP website or were processed and encoded by Dana Ertz or Corey Huxoll.

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## **SPRING PRAIRIE TURKEY**

The 2020 Spring Prairie Turkey season was open April 11 through May 31 for all units except Davison/Hanson, and Lincoln, which had split seasons. License sales totaled 6,455 (5,500 residents and 955 nonresidents) compared to 6,375 in 2019. There were 6,551 licenses available and overall tag sales totaled 7,103. Only single and double tag male turkey licenses were available.

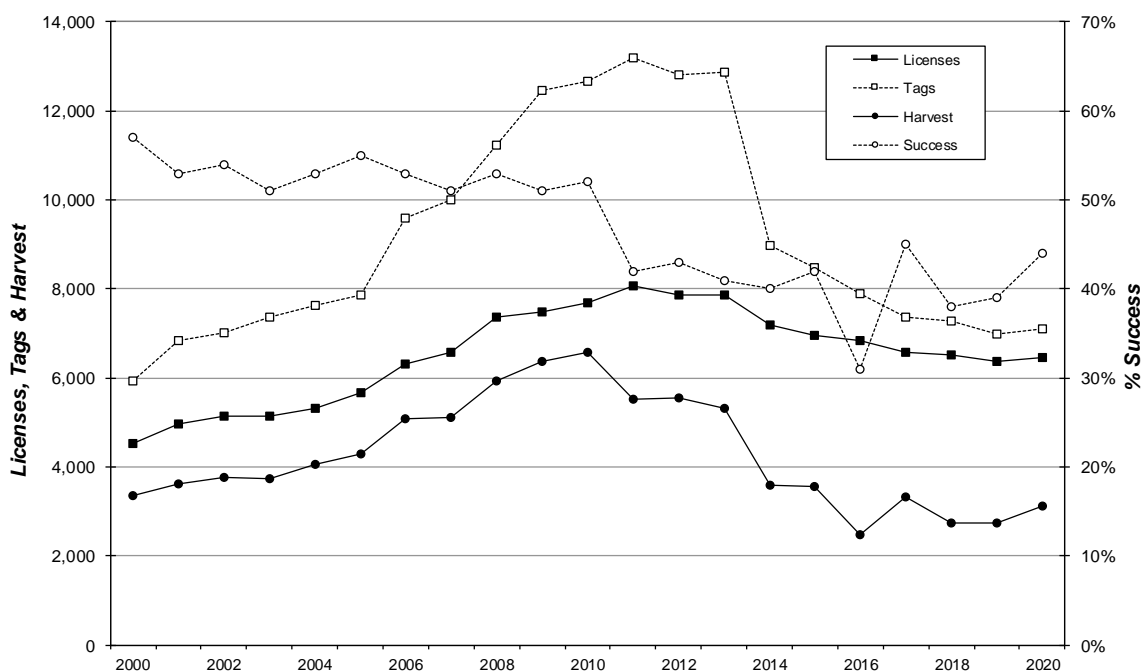
The survey sample size was 4,783 (82% of all hunters) and the response rate was 74%. Surveys were sent via email and regular mail. The reported overall success rate for hunters was 44% and the projected harvest was 3,113 turkeys, including 6 hens.

Spring prairie turkey hunters averaged 2.70 days hunting for a projected total of 15,833 hunting days. Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.48.

### **Comparison of the 2011-2020 Spring Prairie Turkey Seasons**

Year	Resident Licenses	Nonres Licenses	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Males	Hens			
2011	6,817	1,247	13,203	4,989	547	42%	2.70	5.50
2012	6,479	1,384	12,802	5,112	442	43%	2.58	5.67
2013	6,489	1,385	12,879	4,732	481	41%	2.57	5.33
2014	5,888	1,301	8,962	3,491	106	40%	2.40	5.26
2015	5,604	1,357	8,470	3,555	10	42%	2.64	5.34
2016	5,648	1,202	7,907	2,482	4	31%	2.72	5.49
2017	5,364	1,213	7,371	3,323	5	45%	2.50	5.55
2018	5,364	1,146	7,287	2,724	9	38%	2.18	5.49
2019	5,250	1,125	6,977	2,722	5	39%	2.14	5.39
2020	5,500	955	7,103	3,107	6	44%	2.70	5.48

### **Spring Firearm Prairie Turkey 2000-2020**





# South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections

Corey Huxoll

## 2020 Spring Prairie Turkey Harvest Projections

Last Revised:  
09/10/2020

		Licenses													Harvest Projections							Avg	Mean
		Resident						Nonresident				Response	Tags	Tag	Hunter			Males			Total	Avg	Mean
Unit	Type	Hunters	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Rate	sold	Success	Success	LCI	UCI	Type	1st tag	2nd tag	Adults	Jakes	Hens	Harvest	Days Hunted	Satisfctn Score
01A	32	80	102	80	80	0	0	0	80%	80	38%	38%	32%	44%	32	38%		27	4	0	30	3.07	5.76
02A	32	161	41	200	119	28	16	97	69%	216	57%	55%	48%	62%	32	57%		109	14	0	123	2.37	5.65
06A	32	20	76	20	20	0	0	0	70%	20	43%	43%	30%	58%	32	43%		9	0	0	9	3.86	5.00
07A	32	260	303	260	260	0	0	0	78%	260	53%	53%	48%	58%	32	53%		117	19	2	138	2.99	5.83
08A	32	78	84	80	78	0	0	0	79%	78	44%	44%	38%	49%	32	44%		34	0	0	34	3.97	5.46
08B	32	74	39	80	81	0	0	0	68%	81	26%	24%	17%	32%	32	26%		21	0	0	21	2.96	5.39
11A	32	25	15	30	32	9	3	1	84%	33	40%	43%	29%	56%	32	40%		12	1	0	13	2.86	5.14
12A	32	250	211	250	250	0	0	0	75%	250	55%	55%	50%	60%	32	55%		127	10	0	137	3.16	5.78
13A	32	121	43	150	135	0	0	15	78%	150	55%	59%	53%	65%	32	55%		57	25	0	82	2.48	5.95
15A	32	290	87	350	237	78	28	139	74%	376	45%	45%	40%	51%	32	45%		158	11	2	171	2.48	5.57
16A	32	10	20	10	10	0	0	0	70%	10	71%	71%	50%	80%	32	71%		4	3	0	7	3.00	5.67
17A	32	351	337	350	351	0	0	0	76%	351	47%	47%	42%	52%	32	47%		156	9	0	165	2.76	5.44
19A	32	119	86	120	120	0	0	0	73%	120	40%	41%	35%	46%	32	40%		43	6	0	48	3.28	5.20
20A	32	54	34	50	49	4	4	5	80%	54	37%	37%	31%	44%	32	37%		19	1	0	20	1.79	5.32
21A	32	133	42	150	126	18	12	36	72%	162	38%	40%	34%	46%	32	38%		49	13	0	62	2.81	4.80
22A	32	80	167	80	80	0	0	0	70%	80	57%	57%	50%	64%	32	57%		41	4	0	46	3.41	5.60
23A	32	100	145	100	100	0	0	0	81%	100	53%	53%	48%	58%	32	53%		50	3	0	53	4.20	5.48
24A	32	106	48	150	109	11	12	14	73%	123	19%	19%	14%	24%	32	19%		21	3	0	24	0.81	5.10
27A	32	72	48	75	69	26	6	12	82%	81	51%	51%	44%	58%	32	51%		31	11	0	41	3.10	5.24
29A	32	217	287	220	217	0	0	0	76%	217	61%	61%	56%	66%	32	61%		122	9	0	132	3.72	5.63
30A	32	704	513	700	697	129	56	50	73%	747	41%	41%	36%	46%	32	41%		260	43	0	303	1.89	5.41
31A	35	193	66	200	174	24	16	43	70%	434	34%	46%	40%	52%	35	44%	24%	132	16	2	150	2.45	5.70
32A	32	10	12	10	10	0	0	0	80%	10	25%	25%	20%	40%	32	25%		3	0	0	3	2.43	5.67
35A	32	103	80	100	101	16	8	7	76%	108	26%	27%	22%	32%	32	26%		20	8	0	28	2.22	5.21
36A	32	30	50	30	30	0	0	0	93%	30	54%	54%	50%	57%	32	54%		12	4	0	16	3.46	5.15
37A	32	60	77	60	60	0	0	0	83%	60	38%	38%	32%	44%	32	38%		20	2	0	23	3.65	5.23
39A	32	121	50	150	106	59	12	37	74%	143	36%	34%	28%	40%	32	36%		47	4	0	51	1.42	5.57
40A	32	10	14	10	10	0	0	0	70%	10	43%	43%	30%	60%	32	43%		4	0	0	4	4.00	5.17
41A	32	68	21	75	45	3	6	35	57%	80	52%	56%	45%	68%	32	52%		38	3	0	42	2.05	5.39
44A	32	50	118	50	50	0	0	0	74%	50	38%	38%	30%	46%	32	38%		19	0	0	19	4.19	4.90
44B	32	49	92	50	49	0	0	0	88%	49	40%	40%	35%	45%	32	40%		19	0	0	19	3.56	5.54
45A	32	107	99	100	100	26	8	7	84%	107	43%	43%	39%	48%	32	43%		42	5	0	46	2.29	5.47
48A	32	399	422	400	400	0	0	0	73%	400	54%	54%	49%	60%	32	54%		195	21	0	216	3.31	5.64
49A	35	302	97	300	221	97	24	102	72%	646	40%	50%	45%	56%	35	49%	33%	240	17	0	257	2.87	5.39
50A	32	289	64	350	236	17	28	142	72%	378	40%	46%	40%	52%	32	40%		131	20	0	151	2.05	5.50
52A	32	60	58	60	60	0	0	0	82%	60	63%	63%	57%	69%	32	63%		33	5	0	38	5.25	5.59
53A	35	103	22	100	78	7	8	30	73%	216	24%	33%	27%	39%	35	33%	15%	38	12	1	52	2.18	4.89
56A	32	10	10	10	10	0	0	0	80%	10	75%	75%	60%	80%	32	75%		8	0	0	8	4.88	6.14
58A	32	44	44	40	43	5	4	1	77%	44	59%	59%	51%	67%	32	59%		17	9	0	26	3.94	5.90
58B	32	1	0	2	1	0	1	0	0%	1					32								
60A	32	324	145	400	296	42	32	132	70%	428	46%	47%	41%	53%	32	46%		181	16	0	197	1.74	5.28
61A	32	20	32	20	20	0	0	0	50%	20	80%	80%	61%	90%	32	80%		12	4	0	16	5.22	5.60
62A	32	120	195	120	119	0	0	1	82%	120	47%	47%	43%	51%	32	47%		55	1	0	56	5.31	5.62
65A	32	22	6	40	19	8	4	11	84%	30	14%	19%	13%	29%	32	14%		4	0	0	4	0.50	5.90
67A	32	64	17	75	42	1	6	38	53%	80	41%	43%	30%	55%	32	41%		33	0	0	33	1.26	5.87
<b>Totals</b>		<b>5,864</b>	<b>4,519</b>	<b>6,257</b>	<b>5,500</b>	<b>608</b>	<b>294</b>	<b>955</b>	<b>74%</b>	<b>7,103</b>	<b>43.8%</b>							<b>2,770</b>	<b>337</b>	<b>6</b>	<b>3,113</b>	<b>2.70</b>	<b>5.48</b>

Response rate for all units combined was **74.3%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

\* Number of 1st drawing applicants with that season as 1st choice.

# **SPRING BLACK HILLS TURKEY**

An unlimited number of licenses were available, and 4,733 licenses were issued for the 2020 Spring Black Hills Turkey season (3,351 residents, 1,382 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 797 (18% of hunters) and the response rate was 76%. Surveys were sent via email and regular mail. The reported success rate was 27% and the projected harvest was 1,287 male turkeys.

The season was open from April 11 through May 31 and hunters averaged 3.64 days of hunting for a projected total of 15,900 days of recreation.

Resident hunters purchased 572 licenses for the BH2 unit, where tags were only valid May 1-31. Of those, 205 did not have a unit BH1 license; therefore, only 367 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 23%.

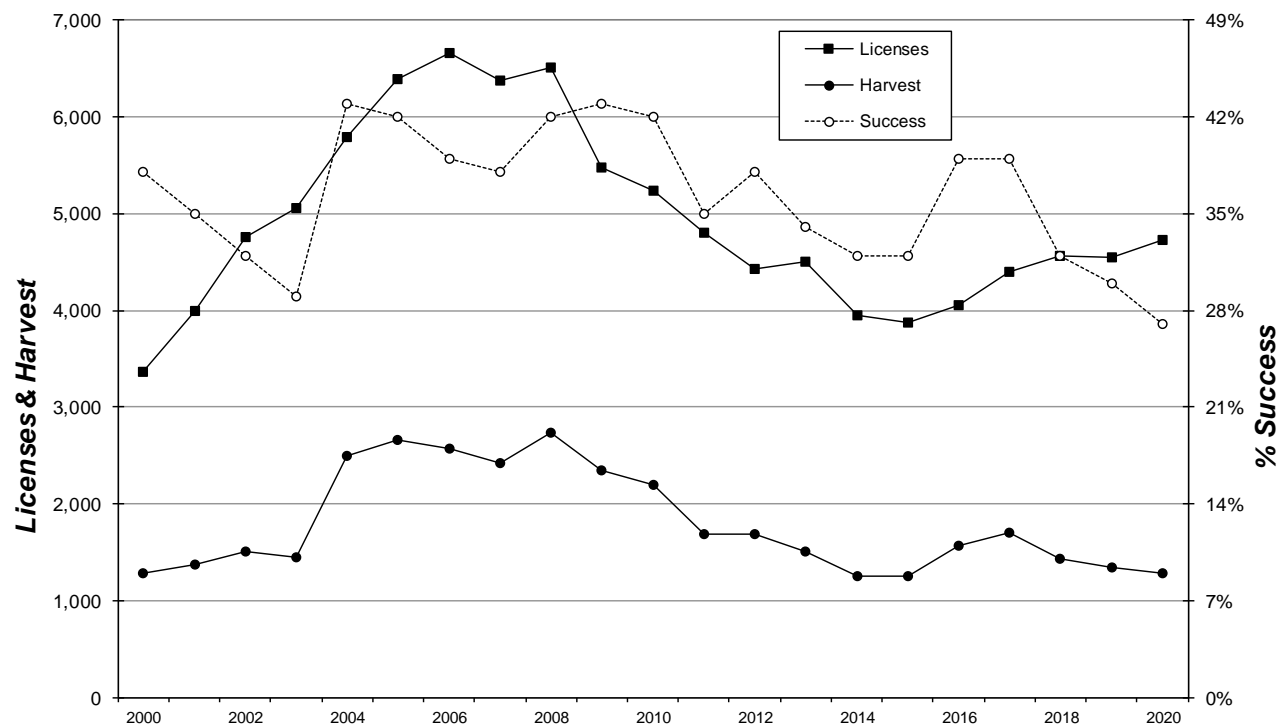
## **Comparison of the 2011-2020 Spring Black Hills Turkey Seasons**

<i><b>Year</b></i>	<i><b>Licenses Issued</b></i>	<i><b>Harvest</b></i>	<i><b>Tag Success</b></i>	<i><b>Avg Days Hunted</b></i>	<i><b>Average Satisfaction</b></i>
2011	4,808	1,693	35%	3.53	5.28
2012	4,435	1,685	38%	3.63	5.31
2013	4,512	1,517	34%	3.18	5.08
2014	3,944	1,258	32%	3.19	4.99
2015	3,877	1,258	32%	3.44	4.89
2016	4,056	1,575	39%	3.38	5.21
2017	4,401	1,701	39%	3.48	5.30
2018	4,567	1,441	32%	3.38	5.15
2019	4,545	1,365	30%	3.61	4.93
2020	4,733	1,287	27%	3.64	4.90

## **2020 Spring Black Hills Turkey Harvest Projections**

Last Revised: 09/10/2020	Licenses													Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident		Hunters	Response Rate	Tag Success	Hunter Success	LCI	UCI	Harvest Estimate				
	Avail.	Sold	Avail.	Sold							Toms	Jakes	Total		
Unit/Type	Avail.	Sold	Avail.	Sold	Hunters	Rate	Success	Success	LCI	UCI	Toms	Jakes	Total	Hunted	Satsfctn
BH1-32	Unlim	2,780	Unlim	1,381	4,366	69.4%	27%	27%	23%	30%	1,105	182	1,287	3.64	4.90
BH2-32	Unlim	571	0	1											
		3,351	1,382												
Response rate for the season was 69.4%															
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.															
367 hunters had licenses for both BH1 and BH2 units															

## Black Hills Spring Turkey 2000-2020



# **SPRING ARCHERY TURKEY**

There were 4,063 resident and 396 nonresident licenses sold for a total of 4,459 licensed spring archery turkey hunters in 2020.

To obtain harvest estimates, 34% of the license holders were surveyed for a sample size of 1,495. The response rate was 67%. Surveys were sent via email and regular mail.

The projected harvest based on survey responses was 1,340 male turkeys, an increase of 46% from 2019. The harvest success rate was 30%. The season was open from April 4 through May 31 and the projected total number of days hunted was 18,282, an average of 4.10 days per hunter.

The five units with the highest reported harvest were Gregory, Black Hills, Grant, Marshall/Roberts, and Yankton.

## **Comparison of the 2011-2020 Spring Archery Turkey Seasons**

<b>Year</b>	<b>Licenses Sold</b>		<b>Male Harvest</b>	<b>Success</b>	<b>Avg Days Hunted</b>	<b>Satisfaction</b>
	<b>Resident</b>	<b>Nonresident</b>				
2011	2,243	478	686	25%	3.91	5.37
2012	2,137	418	739	29%	3.57	5.48
2013	2,390	440	641	23%	3.42	5.12
2014	2,335	387	695	26%	3.41	5.17
2015	2,604	315	790	27%	3.59	5.36
2016	2,844	358	885	28%	3.90	5.39
2017	2,925	373	912	28%	3.87	5.47
2018	2,914	350	719	22%	3.43	5.33
2019	3,129	338	915	26%	3.47	5.51
2020	4,063	396	1,340	30%	4.10	5.47

## **2020 Spring Archery Turkey Harvest Projections**

Last Revised:

09/11/2020

Last Revised:													
09/11/2020													
Unit/Type	Licenses				Response	Tag	LCI	UCI	Harvest Estimate			Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident						Toms	Jakes	Total		
ST1-32	Unlim	4,063	Unlim	396	66.8%	30%	28%	33%	1,157	183	1,340	4.10	5.47

Response rate for the season was **66.8%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

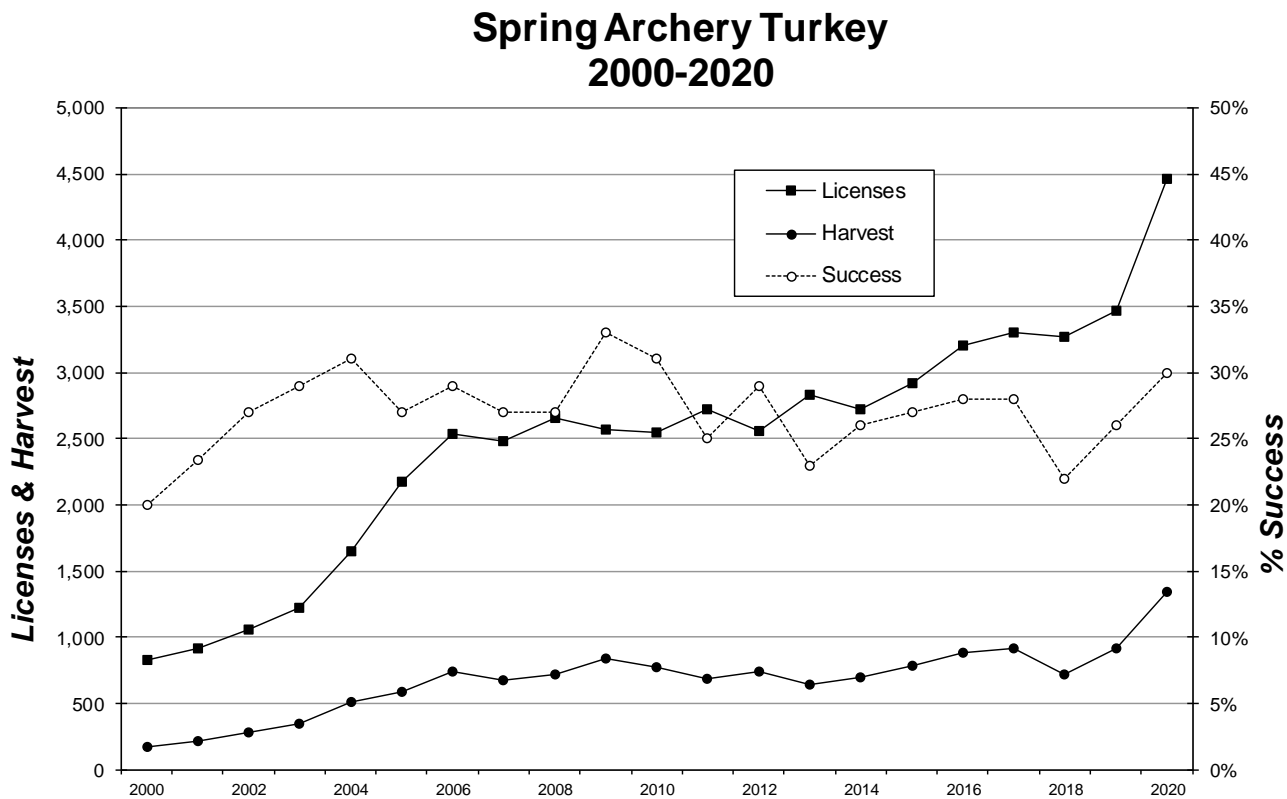
## 2020 Spring Archery Turkey Harvest Distribution

Last Revised:  
11-Sep-20

County	Reported Harvest			Projected Harvest			
	Toms	Jakes	Total	Toms	Jakes	Total	%
01A (Minnehaha)	14	4	18	63	18	80	6.0%
02A (Pennington-East)	4	2	6	18	9	27	2.0%
06A (Brookings)	4	1	5	18	4	22	1.7%
07A (Yankton)	20	1	21	89	4	94	7.0%
08A (Davison/Hanson)	6	1	7	27	4	31	2.3%
11A (Bennett)	0	2	2	0	9	9	0.7%
12A (Bon Homme)	10	2	12	45	9	54	4.0%
13A (Brule)	4	1	5	18	4	22	1.7%
14A (Buffalo)	2	1	3	9	4	13	1.0%
15A (Butte/Lawrence)	7	0	7	31	0	31	2.3%
16A (Campbell/Walworth)	1	0	1	4	0	4	0.3%
17A (Charles Mix/Douglas)	7	4	11	31	18	49	3.7%
18A (Clark)	1	0	1	4	0	4	0.3%
19A (Clay)	8	1	9	36	4	40	3.0%
20A (Corson)	2	0	2	9	0	9	0.7%
21A (Custer/Penn-Mid)	3	0	3	13	0	13	1.0%
22A (Day/Codington)	15	1	16	67	4	71	5.3%
23A (Deuel)	5	0	5	22	0	22	1.7%
24A (Dewey/Ziebach)	2	0	2	9	0	9	0.7%
27A (Fall River)	1	2	3	4	9	13	1.0%
29A (Grant)	17	4	21	76	18	94	7.0%
30A (Gregory)	16	3	19	71	13	85	6.3%
31A (Haakon)	2	0	2	9	0	9	0.7%
32A (Hamlin)	2	0	2	9	0	9	0.7%
35A (Harding)	2	0	2	9	0	9	0.7%
36A (Hughes)	1	0	1	4	0	4	0.3%
37A (Hutchinson)	3	0	3	13	0	13	1.0%
39A (Jackson)	1	0	1	4	0	4	0.3%
40A (Jerauld)	2	0	2	9	0	9	0.7%
41A (Jones)	1	0	1	4	0	4	0.3%
44A (Lincoln)	8	1	9	36	4	40	3.0%
45A (Lyman)	4	0	4	18	0	18	1.3%
46A (McCook)	5	1	6	22	4	27	2.0%
48A (Marshall/Roberts)	23	5	28	103	22	125	9.3%
49A (Meade/Pennington)	10	0	10	45	0	45	3.3%
50A (Mellette)	2	0	2	9	0	9	0.7%
52A (Moody)	2	0	2	9	0	9	0.7%
53A (Perkins)	1	0	1	4	0	4	0.3%
56A (Sanborn)	2	0	2	9	0	9	0.7%
58A (Stanley)	2	0	2	9	0	9	0.7%
60A (Tripp)	3	0	3	13	0	13	1.0%
61A (Turner)	2	1	3	9	4	13	1.0%
62A (Union)	13	0	13	58	0	58	4.3%
65A (Oglala Lakota)	0	0	0	0	0	0	0.0%
67A (Todd)	2	0	2	9	0	9	0.7%
BH1 (Black Hills)	17	3	20	76	13	89	6.7%
Unknown	0	0	0				
<b>TOTALS</b>	<b>259</b>	<b>41</b>	<b>300</b>	<b>1,157</b>	<b>183</b>	<b>1,340</b>	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.

Use these figures for approximations only!



## **MENTORED SPRING TURKEY**

There were 1,356 Mentored Spring Turkey licenses sold in South Dakota for the 2020 season. All were single tag licenses valid for a male turkey. All mentors/hunters were surveyed and 755 responses (56%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The 2020 spring season ran from April 4 through May 31. Respondents reported hunting an average of 3.04 days, which projected to a total of 4,124 recreation days for the season.

An estimated 508 male turkeys were harvested, resulting in a success rate for the season of 37%. The mean satisfaction score reported by hunters/mentors was 5.76 (1 representing “very dissatisfied” and 7 representing “very satisfied”).

The five units with the highest reported harvest were the Black Hills, Yankton, Gregory, Charles Mix/Douglas, and Marshall/Roberts.

### Summary of the 2011-2020 Spring Mentored Youth Turkey Seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Males	Hens	Total	%Success	Hunted	Satisfaction
2011	601	210	0	210	35%	2.60	5.63
2012	559	205	0	205	37%	2.36	5.75
2013	642	190	2	192	30%	2.32	5.71
2014	679	211	0	211	31%	2.30	5.54
2015	654	205	0	205	31%	2.41	5.70
2016	734	277	0	277	38%	2.68	5.78
2017	799	310	0	310	39%	2.70	5.85
2018	735	261	0	261	35%	2.32	5.82
2019	1,024	295	0	295	29%	2.03	5.63
2020	1,356	507	2	508	37%	3.04	5.76

## **2020 Mentored Spring Turkey Harvest Projection**

Last Revised:

16-Sep-20

Licenses		Response	Unit	Harvest Projections					Average Days Hunted	Mean Satisfctn Score
Resident				Total						
Unit/Type	Avail.			Sold	Rate	Success	Toms	Jakes		
ST1-32	Unlim	1,356	56%	37%	408	99	2	508	3.04	5.76

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

## 2020 Spring Ment Youth Turkey Harvest Distribution

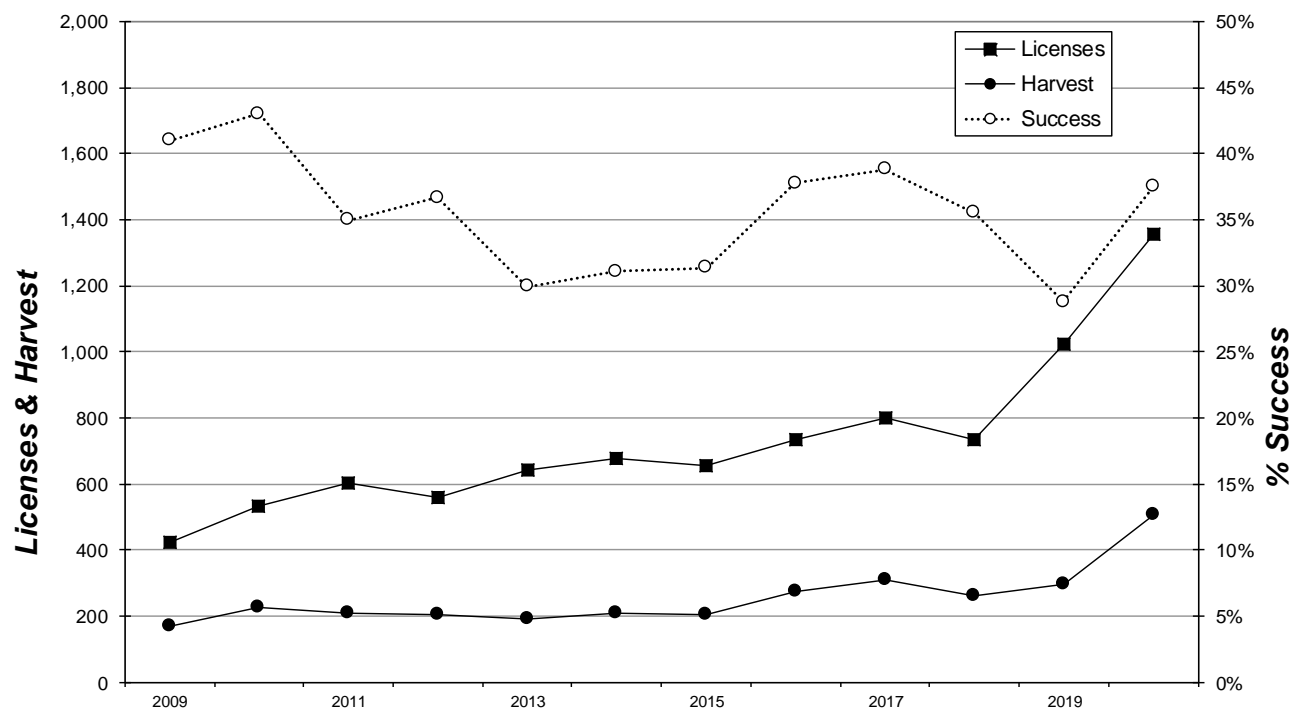
Last Revised:  
16-Sep-20

County	Reported Harvest				Projected Harvest				%
	Toms	Jakes	Hens	Total	Toms	Jakes	Hens	Total	
01A (Minnehaha)	9	2	0	11	19	4	0	24	4.6%
02A (Pennington-East)	1	1	0	2	2	2	0	4	0.8%
06A (Brookings)	2	2	0	4	4	4	0	9	1.7%
07A (Yankton)	20	5	0	25	43	11	0	53	10.5%
08A (Davison/Hanson)	7	0	0	7	15	0	0	15	2.9%
11A (Bennett)	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	8	1	0	9	17	2	0	19	3.8%
13A (Brule)	5	0	0	5	11	0	0	11	2.1%
15A (Butte/Lawrence)	1	0	0	1	2	0	0	2	0.4%
16A (Campbell/Walworth)	2	0	0	2	4	0	0	4	0.8%
17A (Charles Mix/Douglas)	10	2	0	12	21	4	0	26	5.0%
19A (Clay)	5	0	0	5	11	0	0	11	2.1%
20A (Corson)	0	1	0	1	0	2	0	2	0.4%
21A (Custer/Penn-Mid)	1	2	0	3	2	4	0	6	1.3%
22A (Day/Codington)	6	2	1	9	13	4	0	17	3.4%
23A (Deuel)	2	0	0	2	4	0	0	4	0.8%
24A (Dewey/Ziebach)	1	0	0	1	2	0	0	2	0.4%
27A (Fall River)	0	2	0	2	0	4	0	4	0.8%
29A (Grant)	10	1	0	11	21	2	0	23	4.6%
30A (Gregory)	14	2	0	16	30	4	0	34	6.7%
31A (Haakon)	2	0	0	2	4	0	0	4	0.8%
32A (Hamlin)	0	0	0	0	0	0	0	0	0.0%
35A (Harding)	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	1	2	0	3	2	4	0	6	1.3%
37A (Hutchinson)	1	0	0	1	2	0	0	2	0.4%
39A (Jackson)	1	0	0	1	2	0	0	2	0.4%
40A (Jerauld)	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	4	0	0	4	9	0	0	9	1.7%
45A (Lyman)	4	3	0	7	9	6	0	15	2.9%
46A (McCook)	1	0	0	1	2	0	0	2	0.4%
48A (Marshall/Roberts)	15	0	0	15	32	0	0	32	6.3%
49A (Meade/Pennington)	4	2	0	6	9	4	0	13	2.5%
50A (Mellette)	4	2	0	6	9	4	0	13	2.5%
52A (Moody)	1	0	0	1	2	0	0	2	0.4%
53A (Perkins)	1	0	0	1	2	0	0	2	0.4%
56A (Sanborn)	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	2	0	0	2	4	0	0	4	0.8%
60A (Tripp)	8	3	0	11	17	6	0	24	4.6%
61A (Turner)	4	1	0	5	9	2	0	11	2.1%
62A (Union)	7	1	0	8	15	2	0	17	3.4%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	27	9	0	36	58	19	0	77	15.1%
Unknown	36	9	0	45					
<b>TOTALS</b>	<b>227</b>	<b>55</b>	<b>1</b>	<b>283</b>	<b>408</b>	<b>99</b>	<b>0</b>	<b>506</b>	

Any by unit projected values will differ from by statewide projected values due to incorrect sampling proportions within management units.  
Use these figures for approximations only!



## Spring Mentored Youth Turkey 2009-2020



# **SPRING CUSTER STATE PARK TURKEY**

In 2020, 597 hunters applied for the 100 resident licenses available for the Spring Custer State Park Turkey season, which was open from April 11 through May 17. All licenses consisted of single tags for male turkeys only.

All hunters were surveyed and 83 responded for a response rate of 85%. Surveys were sent via email and regular mail. The reported success rate was 57% and the projected harvest was 55 male turkeys. Hunters averaged 2.23 days of hunting for a projected total of 219 days of recreation for the season.

Summary comparison of the 2011-2020 Custer State Park Spring Turkey seasons

<b>Year</b>	<b>Licenses Sold</b>	<b>Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
2011	135	59	44%	3.00	NA
2012	135	64	47%	2.24	5.57
2013	135	57	43%	2.18	5.77
2014	135	78	58%	2.71	5.56
2015	135	50	37%	2.56	4.83
2016	100	49	49%	2.08	6.05
2017	100	58	58%	1.88	6.29
2018	100	43	43%	2.21	5.33
2019	100	48	48%	2.15	5.81
2020	98	55	57%	2.23	5.75

## **2020 Custer State Park Spring Turkey Harvest**

Last Revised:  
16-Sep-20

Unit/Type	Appl. 1st Choice *	Licenses		Response Rate	Unit Success	LCI	UCI	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Avail.	Sold					Toms	Jakes	Total Harvest		
CU1-32	597	100	98	85%	57%	52%	61%	52	4	55	2.23	5.75

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

# **FALL PRAIRIE TURKEY**

There were 438 licenses (430 resident, 8 nonresident) sold for the 2020 South Dakota Fall Prairie Turkey season for a total of 476 tags. All tags were valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All hunters were surveyed and 252 responded for a 60% response rate. Respondents reported hunting an average of 3.43 days, which projected to a total of 1,441 recreation days for the season.

Harvest projections indicated 117 males were taken along with 62 hens for a total of 180 turkeys. The estimated success rate for the season was 38%.

The mean satisfaction score reported by hunters was 5.32 (1 representing “very dissatisfied” and 7 representing “very satisfied”).

Summary comparison of the 2011-2020 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Males	Hens	Total	% Success	Hunted	Satisfactn
2011	5,649	10,662	2,497	1,838	4,335	41%	3.15	5.13
2012	5,527	9,510	2,001	1,335	3,337	35%	2.91	5.12
2013	5,066	8,638	1,180	721	1,901	22%	2.68	4.76
2014	1,910	1,960	422	224	645	33%	2.26	4.91
2015	1,936	1,986	422	227	649	33%	2.56	4.80
2016	908	958	173	72	246	26%	2.19	4.87
2017	898	948	194	56	250	26%	2.46	4.86
2018	548	548	142	52	194	35%	2.18	5.09
2019	548	548	130	52	182	33%	2.11	5.12
2020	438	476	117	62	180	38%	3.43	5.32

## **2020 Fall Prairie Turkey Harvest Projections**

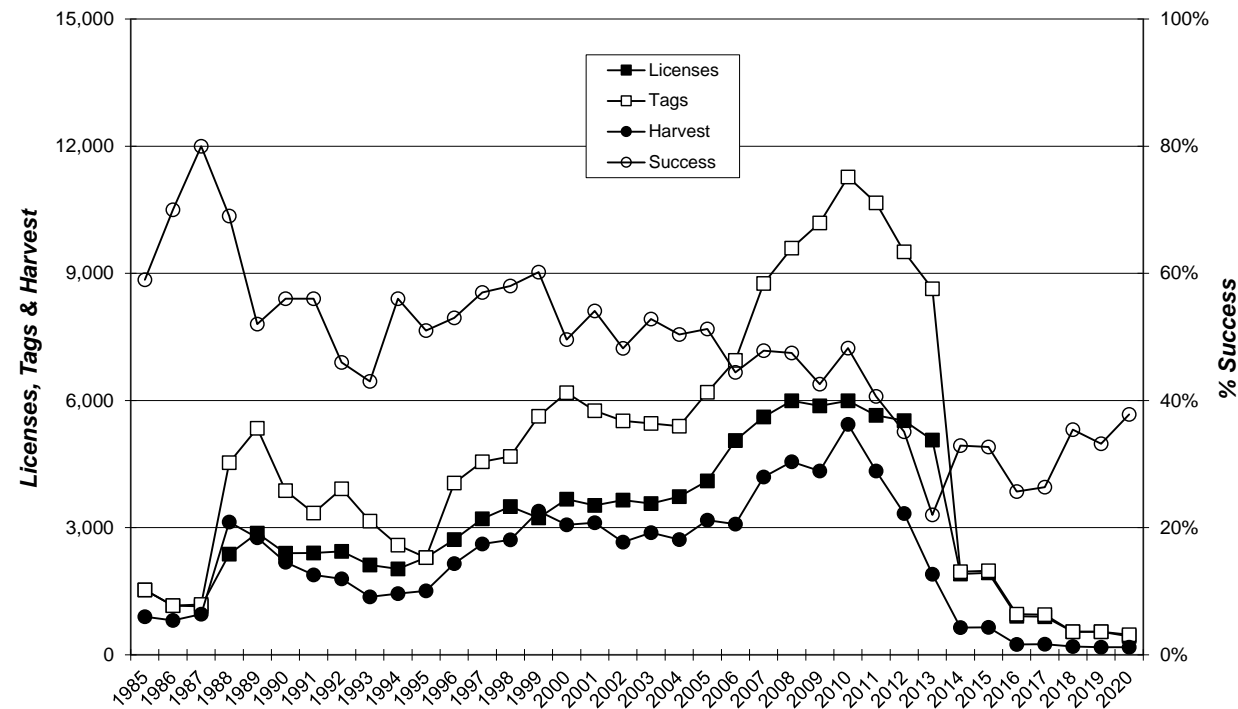
Last Revised:  
08-Jul-21

Last Revised: 08-Jul-21		Licenses										Harvest Projections							Avg Days	Mean Satisfctn
		Resident			Nonresident				Tags	Response	Tag	Males			Hens			Total		
		Appl. 1st	Choice *	Avail.	Sold	Choice *	Avail.	Sold				Adults	Jakes	Adults	Jennies	Unk				
Unit	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score		
Bon Homme	132	87	150	145	N/A	0	5	150	54%	38%	28	7	19	4	0	58	2.9	5.3		
Jackson	38	32	35	35	3	2	3	76	58%	30%	12	3	7	0	0	22	1.6	5.5		
Marshall/Roberts	100	148	100	100	N/A	0	0	100	68%	34%	9	13	10	1	0	34	2.5	5.0		
Yankton	150	137	150	150	N/A	0	0	150	61%	44%	36	8	16	2	3	66	5.0	5.5		
Totals	420	404	435	430	3	2	8	476	60.0%	37.8%	85	32	52	7	3	180	3.43	5.32		

The response rate for all units combined was: **60%**

\* Number of 1st drawing applicants with that season as 1st choice.

# Fall Prairie Turkey 1985-2020



## **FALL BLACK HILLS TURKEY**

There were 109 Fall Black Hills Turkey licenses (102 resident, 7 nonresident) sold in South Dakota for the 2020 season. All were single tag licenses valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All license-holders were surveyed and 60 responded for a 56% response rate. Respondents reported hunting an average of 3.71 days, which projected to a total of 397 recreation days for the season.

An estimated 11 males were harvested along with 15 hens, a total of 25 turkeys. The overall estimated success rate for the season was 23%.

The mean satisfaction score reported by hunters was 4.87 (1 representing “very dissatisfied” and 7 representing “very satisfied”).

Summary comparison of the 2011-2020 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Males	Hens	Total	%Success	Hunted	Satisfaction
2011	2,977	121	537	513	1,050	34%	3.89	4.85
2012	2,075	90	457	470	927	43%	3.39	4.95
2013	1,546	81	185	188	373	23%	2.81	4.57
2014	764	46	100	114	215	27%	3.24	4.54
2015	406	27	66	62	127	29%	3.44	4.58
2016	408	26	91	55	147	34%	2.79	4.85
2017	415	18	87	52	139	32%	3.82	4.88
2018	204	16	27	26	54	25%	2.74	4.85
2019	204	12	34	18	53	25%	2.20	4.76
2020	102	7	11	15	25	23%	3.71	4.87

### 2020 Fall Black Hills Turkey Harvest Projections

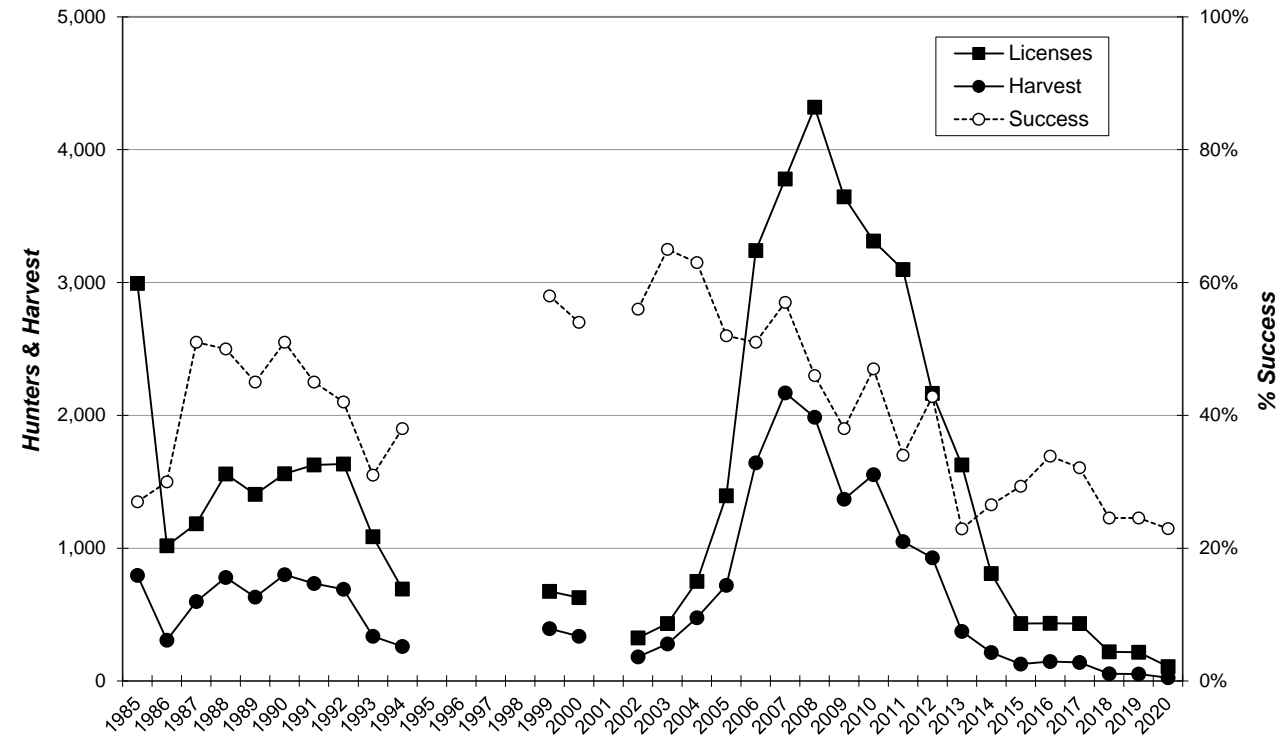
Last Revised:

08-Jul-21

Unit/Type		Licenses										Harvest Projections						Average Days Hunted	Mean Satisfctn Score
		Resident				Nonresident				Response Rate	Tag Success	Males		Hens			Total Harvest		
		Appl. 1st Choice *	Avail.	Sold		Appl. 1st Choice *	Avail.	Sold				Adults	Jakes	Adults	Jennies	Unk			
BH1-31	Hunters	107	204	100	102	14	8	7	56%	23%	7	4	11	4	0	25	3.71	4.87	

\* Number of 1st drawing applicants with that season as 1st choice.

Black Hills Fall Turkey 1985-2020



## **FALL MENTORED YOUTH TURKEY**

There were 501 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2020 season. All were single tag licenses valid for either a tom or a hen. All mentors/hunters were surveyed and 250 responses (50%) were received.

The fall season ran from November 1 through January 31. Respondents reported hunting an average of 1.75 days, which projects to a total of 877 recreation days for the season.

An estimated 48 males were harvested along with 14 hens, a total of 62 turkeys. The reported success rate for this season was 12%. The mean satisfaction score reported by hunters/mentors was 5.18 (1 representing “very dissatisfied” and 7 representing “very satisfied”).

Summary comparison of the 2011-2020 Fall Mentored Youth Turkey seasons

YEAR	Licenses	HARVEST				Avg Days Hunted	Average Satisfaction
	Sold	Males	Hens	Total	%Success		
2011	442	65	51	116	26%	2.24	5.34
2012	529	89	61	149	28%	2.33	5.56
2013	520	57	35	92	18%	2.02	5.41
2014	390	46	29	75	19%	1.72	5.19
2015	370	58	39	98	21%	1.87	5.17
2016	429	62	21	84	20%	1.55	5.48
2017	453	60	22	83	18%	1.87	5.34
2018	521	68	27	96	18%	1.67	5.35
2019	412	40	22	60	15%	1.18	5.28
2020	501	48	14	62	12%	1.75	5.18

### **2020 Fall Mentored Youth Turkey Harvest Projections**

Last Revised:  
08-Jul-21

08-Jul-21		Licenses			Nonresident			Harvest Projections							Average	Mean	
		Appl. 1st	Resident		Appl. 1st	Response		Tag	Males			Hens			Total	Days	Satisfctn
		Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score
Unit/Type	Hunters	NA	Unlim	501	NA	0	0	50%	12%	24	24	14	0	0	62	1.75	5.18

### **2020 Fall Mentored Youth Turkey Harvest Distribution**

Last Revised:  
08-Jul-21

County	Reported Harvest						Projected Harvest							
	Males			Females			Males			Females			Total	%
	Toms	Jakes	Hens	Jennies	Unk	Hens	Toms	Jakes	Hens	Jennies	Unk	Hens		
07A (Yankton)	1	1	0	0	0	2	2	2	0	0	0	0	4	7.0%
11A (Bennett)	3	2	0	0	0	5	7	4	0	0	0	0	11	17.6%
39A (Jackson)	0	2	0	0	0	2	0	4	0	0	0	0	4	7.0%
48A (Marshall/Roberts)	5	3	1	0	0	9	11	7	2	0	0	0	20	31.9%
BH1 (Black Hills)	2	3	5	0	0	10	4	7	12	0	0	0	23	36.4%
Unknown	1	1	1	0	0	3								
<b>TOTALS</b>	<b>12</b>	<b>12</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>24</b>	<b>24</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.  
Use these figures for approximations only!

# ARCHERY ANTELOPE

There were 2,861 single-tag archery antelope licenses issued in 2020 (2,141 resident and 720 nonresident). The archery season ran from August 15 through October 31, except when and where a state firearm antelope season was open. All license holders were surveyed, and the response rate was 65%, with 81% of those responding through the Internet.

The overall success rate for the archery season was estimated to be 28%, with 708 bucks, 83 does, 11 buck-kids, and 9 doe-kids harvested. Of the 23 management units where antelope harvest was reported, the Harding County and Butte County units accounted for nearly 60% of all harvest.

Average hunter satisfaction was 5.28 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

## 2020 Archery Antelope Harvest Projections

Last Revised: 4/13/2021

Last Revised: 4/13/2021								Harvest Projections					Avg	Avg
Unit/Type	Resident		Nonres		Tags	Response	Unit	Buck		Doe	Total	Satisfactn	Days	
	Avail.	Sold	Avail.	Sold	sold	Rate	Success	Bucks	Does	Kids	Kids	Harvest	Rating	Hunted
ST1-41	Unlmt	2,141	Unlmt	720	2,861	65%	28%	708	83	11	9	810	5.28	3.81

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Harvest summaries for the 2011-2020 Archery Antelope seasons

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2011	1,246	309	281	56	16%	4.18	4.48
2012	1,212	255	297	22	22%	3.80	4.74
2013	1,164	280	292	38	23%	3.77	4.97
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33
2017	1,569	521	529	52	28%	4.00	5.44
2018	1,632	570	529	56	27%	4.17	5.43
2019	1,781	633	533	72	25%	3.79	5.40
2020	2,141	720	719	92	28%	3.81	5.28



## 2020 Archery Antelope Harvest by Management Unit

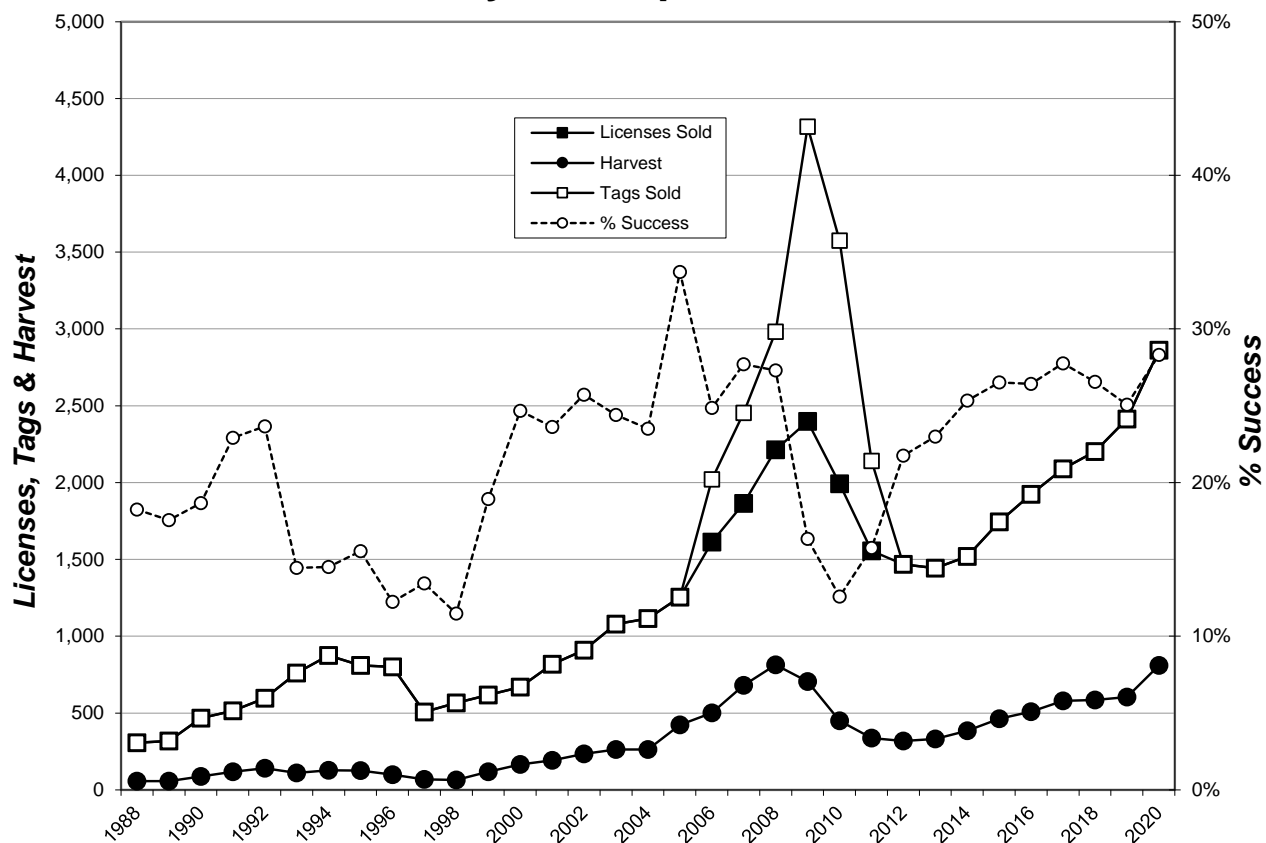
Last Revised:

13-Apr-21

Unit/County	Reported Harvest					Projected Harvest					
	Adults		Fawns		Total	Adults		Fawns		Total	
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe	Projected	%
02A (Pennington E)	6	1	0	0	7	11	2	0	0	13	1.6%
11A (Bennett/Oglala Lakota)	1	1	0	0	2	2	2	0	0	4	0.5%
15A (Butte NW)	41	3	0	0	44	78	6	0	0	84	10.3%
15B (Butte/Lawrence)	31	10	0	0	41	59	19	0	0	78	9.6%
20A (Corson)	4	0	0	0	4	8	0	0	0	8	0.9%
21A (Custer E /Penn C)	6	0	1	0	7	11	0	2	0	13	1.6%
24A (Dewey)	3	0	0	0	3	6	0	0	0	6	0.7%
27A (F River/Custer SW)	18	8	1	0	27	34	15	2	0	51	6.3%
31A (Haakon)	2	0	0	0	2	4	0	0	0	4	0.5%
35A (Harding W)	115	8	1	3	127	219	15	2	6	241	29.8%
35B (Harding E)	34	6	1	2	43	65	11	2	4	81	10.0%
36A (Hughes)	3	0	0	0	3	6	0	0	0	6	0.7%
38A (Hyde, Hand, Buffalo)	7	0	0	0	7	13	0	0	0	13	1.6%
39A (Jackson)	3	1	1	0	5	6	2	2	0	9	1.2%
41A (Jones)	5	0	0	0	5	10	0	0	0	10	1.2%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	1	0	0	1	0	2	0	0	2	0.2%
49A (Meade N)	16	1	0	0	17	30	2	0	0	32	4.0%
49B (Meade S)	12	0	0	0	12	23	0	0	0	23	2.8%
50A (Mellette)	0	1	0	0	1	0	2	0	0	2	0.2%
53A (Perkins N)	20	1	0	0	21	38	2	0	0	40	4.9%
53B (Perkins S)	31	1	0	0	32	59	2	0	0	61	7.5%
58A (Stanley)	2	0	1	0	3	4	0	2	0	6	0.7%
59A (Sully)	7	1	0	0	8	13	2	0	0	15	1.9%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	0	0	0	0	0	0	0	0	0	0	0.0%
64A (Ziebach)	4	0	0	0	4	8	0	0	0	8	0.9%
BH (Black Hills Pennington/Custer)	1	0	0	0	1	2	0	0	0	2	0.2%
Unknown	91	10	1	1	103						
<b>TOTALS</b>	<b>463</b>	<b>54</b>	<b>7</b>	<b>6</b>	<b>530</b>	<b>708</b>	<b>83</b>	<b>11</b>	<b>9</b>	<b>810</b>	

Use these figures for approximations only!

## Archery Antelope 1988-2020



# **FIREARM ANTELOPE**

A total of 4,856 licenses (4,715 resident; 141 nonresident) were available for the 2020 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 5,279 licenses were sold representing 6,101 total tags. The 2020 season was open from October 3-18.

All hunters were surveyed, and 2,687 surveys were returned for a 73% response rate.

Respondents reported hunting an average of 2.13 days each, which projects to 11,196 total recreation days for the season.

The harvest projections for the season included 2,275 adult bucks, 1,153 adult does, 140 buck-kids, and 119 doe-kids for a total of 3,687 antelope. The estimated overall tag success for the season was 60%.

## Harvest summaries for the 2013-2020 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest				Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total	Success		
2013	3,467	0	1,454	480	1,935	48%	1.76	4.72
2014	2,991	61	1,770	314	2,083	66%	1.99	5.12
2015	3,260	62	1,910	314	2,224	64%	2.08	5.23
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42
2017	5,286	146	2,692	1,093	3,784	64%	2.22	5.26
2018	5,412	127	2,845	1,000	3,845	63%	2.12	5.27
2019	5,096	139	2,629	1,249	3,878	64%	1.91	5.33
2020	5,139	140	2,416	1,153	3,687	60%	2.13	5.06

## 2020 Firearm Antelope Harvest Projections

Unit Description		Residents		Nonresidents			Harvest Projections										Mean	Avg			
		Appl. 1st		Appl. 1st			Response		Tags	Tag	Hunter	Success		Adults		Kids		Total	Satisf	Days	
		Choice *	Available	Sold	Choice *	Available	Sold	Rate	Sold	Success	Success	1st tag	2nd tag	Bucks	Does	Bucks	Does	Harvest	Cl (95%)	Score	Hunted
Pennington E	02A-41	312	100	99	17	2	2	73%	101	65%	65%	65%	51	8	3	4	66	+/-6	4.99	2.34	
Bennett/Oglala Lakota	11A-41	106	50	50	3	1	1	63%	51	75%	75%	75%	35	2	2	0	38	+/-5	5.17	1.69	
Butte NW	15A-41	579	200	202	48	4	4	76%	206	68%	67%	68%	101	27	11	2	141	+/-12	4.52	2.46	
	15A-43	4	100	100	8	2	2	70%	102	55%	55%	55%	0	42	7	7	56	+/-9	4.98	1.86	
Butte/Lawrence	15B-41	1,006	250	251	73	5	5	81%	256	68%	68%	68%	150	21	0	4	175	+/-13	5.13	2.32	
	15B-43	19	100	99	2	2	2	75%	101	67%	67%	67%	0	60	4	4	68	+/-9	5.31	1.56	
Corson	20A-41	164	70	70	17	2	2	74%	72	66%	66%	66%	41	7	0	0	48	+/-5	4.92	2.09	
Custer E /Penn C	21A-41	279	100	101	12	2	1	74%	102	65%	65%	65%	58	8	0	0	67	+/-6	5.00	2.51	
Dewey	24A-41	54	50	50	1	2	2	63%	52	67%	67%	67%	25	3	3	3	35	+/-5	4.72	2.00	
F River/Custer SW	27A-41	1,450	550	551	128	11	11	77%	562	60%	60%	60%	271	48	12	5	336	+/-27	4.74	2.54	
Haakon	31A-41	178	100	100	14	2	2	71%	102	54%	54%	54%	40	16	0	0	55	+/-6	4.75	2.38	
Harding W	35A-48	1,425	300	303	293	12	10	82%	626	56%	73%	71%	40%	214	113	9	12	348	+/-39	4.92	2.01
	35A-49	56	300	299	57	12	14	78%	626	53%	64%	64%	43%	0	271	21	42	334	+/-44	5.05	2.24
Harding E	35B-41	863	300	299	61	6	6	74%	305	77%	77%	77%	198	26	7	5	236	+/-17	5.50	2.29	
	35B-43	9	200	201	8	4	6	73%	207	54%	54%	54%	0	98	7	7	111	+/-16	5.38	2.00	
Hughes	36A-41	87	25	25	3	1	1	69%	26	67%	67%	67%	14	3	0	0	17	+/-3	5.06	1.88	
Hand/Hyde/Bufalo	38A-41	53	10	10	2	1	1	91%	11	60%	60%	60%	7	0	0	0	7	+/-0	5.13	3.40	
Jackson	39A-41	213	50	50	6	1	1	71%	51	81%	81%	81%	38	1	1	0	41	+/-3	5.53	2.22	
Jones	41A-41	79	40	39	10	1	2	83%	41	65%	65%	65%	25	1	0	0	27	+/-2	5.70	1.79	
Meade N	49A-41	860	400	406	77	8	7	74%	413	61%	61%	61%	218	32	2	0	252	+/-22	4.67	1.98	
	49A-43	16	100	105	11	2	1	79%	106	48%	48%	48%	0	45	3	3	50	+/-12	5.10	2.02	
Meade S	49B-41	483	300	303	42	24	21	74%	324	64%	64%	64%	177	31	0	0	208	+/-21	5.56	2.17	
	49B-43	11	200	198	8	16	14	75%	212	48%	48%	48%	0	83	13	7	103	+/-15	4.72	2.00	
Mellette/Todd	50A-41	78	30	31	6	1	1	78%	32	68%	68%	68%	19	3	0	0	22	+/-3	5.65	2.00	
Perkins N	53A-41	401	150	149	58	3	4	76%	153	80%	79%	80%	113	10	0	0	123	+/-6	5.57	1.82	
Perkins S	53B-41	689	250	247	57	5	5	64%	252	79%	78%	79%	168	24	5	2	199	+/-15	5.22	1.86	
	53B-43	11	150	150	4	3	3	75%	153	68%	68%	68%	0	79	18	6	103	+/-11	5.30	1.66	
Stanley	58A-41	118	40	40	1	1	1	71%	41	66%	66%	66%	27	0	0	0	27	+/-4	5.15	2.57	
Sully	59A-41	106	30	30	1	1	1	61%	31	74%	74%	74%	21	0	0	2	23	+/-4	6.00	2.56	
Walworth/Potter	63A-41	84	20	20	1	1	0	80%	20	63%	63%	63%	8	4	1	0	13	+/-2	5.00	3.38	
Ziebach	64A-41	199	150	151	15	3	4	79%	155	74%	74%	74%	106	9	0	0	115	+/-6	5.74	1.72	
Landowner Own Land	ST1-41	NA	Unltd	215	NA	Unltd	2	60%	217	43%	43%	43%	72	18	3	0	93	+/-12	5.23	1.84	
	ST1-48	NA	Unltd	195	NA	Unltd	1	52%	392	39%	49%	42%	36%	78	60	8	6	151	+/-23	4.70	2.37
Totals		9,992	4,715	5,139	1,044	141	140	73%	6,101	60%	64%	64%	42%	2,275	1,153	140	119	3,687	+/-381	5.06	2.15

\* Number of 1st drawing applicants with that Unit/Type as 1st choice.

## 2020 Antelope LOL Harvest Distribution

Last Revised:  
13-Apr-21

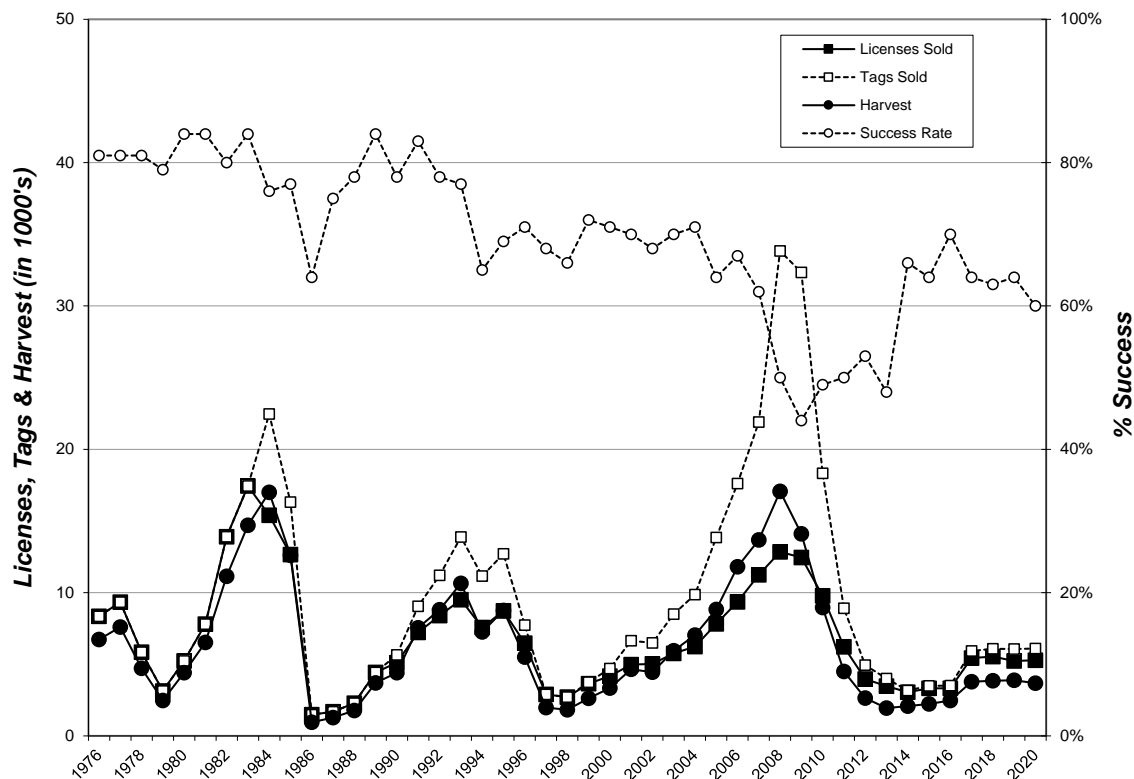
East Review:  
13-Apr-21

Unit	Reported Harvest					Projected Harvest				Total	
	Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids	Projected	%
Pennington E	3	2	0	0	5	8	5	0	0	13	5.2%
Bennett/Oglala Lakota	1	0	0	0	1	3	0	0	0	3	1.1%
Butte NW	4	1	1	0	6	10	2	2	0	15	6.0%
Butte/Lawrence	5	6	2	1	14	13	15	4	2	33	13.6%
Corson	1	0	0	0	1	3	0	0	0	3	1.1%
Custer E /Penn C	1	0	0	0	1	3	0	0	0	3	1.1%
Dewey	3	2	1	0	6	8	5	2	0	14	5.9%
F River/Custer SW	0	0	0	0	0	0	0	0	0	0	0.0%
Haakon	2	3	0	0	5	5	7	0	0	13	5.1%
Harding W	5	0	1	0	6	13	0	2	0	15	6.0%
Harding E	3	2	0	0	5	8	5	0	0	13	5.2%
Hughes	0	1	0	0	1	0	2	0	0	2	1.0%
Hand/Hyde/Bufalo	2	0	0	0	2	5	0	0	0	5	2.1%
Jackson	3	0	0	0	3	8	0	0	0	8	3.2%
Jones	0	0	0	0	0	0	0	0	0	0	0.0%
Meade N	7	2	0	2	11	18	5	0	4	27	11.0%
Meade S	3	4	1	0	8	8	10	2	0	19	7.9%
Mellette/Todd	1	0	0	0	1	3	0	0	0	3	1.1%
Perkins N	7	4	0	0	11	18	10	0	0	28	11.4%
Perkins S	3	2	0	0	5	8	5	0	0	13	5.2%
Stanley	2	2	0	0	4	5	5	0	0	10	4.1%
Sully	0	0	0	0	0	0	0	0	0	0	0.0%
Walworth/Potter	0	0	0	0	0	0	0	0	0	0	0.0%
Ziebach	2	1	0	0	3	5	2	0	0	8	3.1%
Unknown	25	10	0	0	35						
TOTALS	83	42	6	3	134	149	79	11	6	245	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

## Firearm Antelope 1976-2020



## **MENTORED YOUTH ANTELOPE**

There were 918 resident single-tag doe/kid licenses issued for the 2020 Mentored Youth Antelope hunting season. All mentors/hunters were sampled and 583 responses (64%) were received to a combination of electronic and paper surveys.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 15 through October 31, except when and where a state firearm antelope season was open. The Firearm Antelope season was open from October 3-18.

Respondents reported hunting an average of 1.75 days each, which projected to 1,607 recreation days for the season.

Projections for the season estimated that 43 buck kids, 305 doe adults and 47 doe kids were harvested. The estimated total harvest for the Mentored Youth Antelope season was 395, and the overall success rate was 43%.

The five units with the highest reported harvest were Harding E (35B), Fall River/Custer SW (27A), Harding W (35A), Butte NW (15A), and Perkins S (53B).

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.37.

### Summary for the 2011-2020 Mentored Youth Antelope hunting seasons

YEAR	Licenses Sold	Harvest				Success	Avg Days Hunted	Average Satisfctn
		Buck Kids	Doe		Total			
			Adults	Kids				
2011	273	17	67	3	87	32%	1.50	5.31
2012	316	15	101	11	128	40%	1.61	5.66
2013	350	14	80	14	108	31%	1.32	5.35
2014	361	16	126	22	163	45%	1.58	5.58
2015	493	32	165	32	230	47%	1.71	5.72
2016	538	28	225	14	267	50%	1.83	5.72
2017	629	36	244	26	305	49%	1.79	5.64
2018	824	41	294	45	380	46%	1.65	5.50
2019	853	56	282	52	390	46%	1.46	5.61
2020	918	43	305	47	395	43%	1.75	5.37

## **2020 Mentored Youth Antelope Harvest Projections**

Last Revised: 13-Apr-21					Harvest Projections				Avg Satisfctn Score	Avg Days Hunted
Unit/Type	Available	Sold	Response Rate	Unit Success	Adult Does	Doe Kids	Buck Kids	Total Harvest		
ST1-43	Unlimited	918	64%	43%	305	47	43	395	5.37	1.75

Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.

## 2020 Mentored Antelope Harvest Distribution

Last Revised:

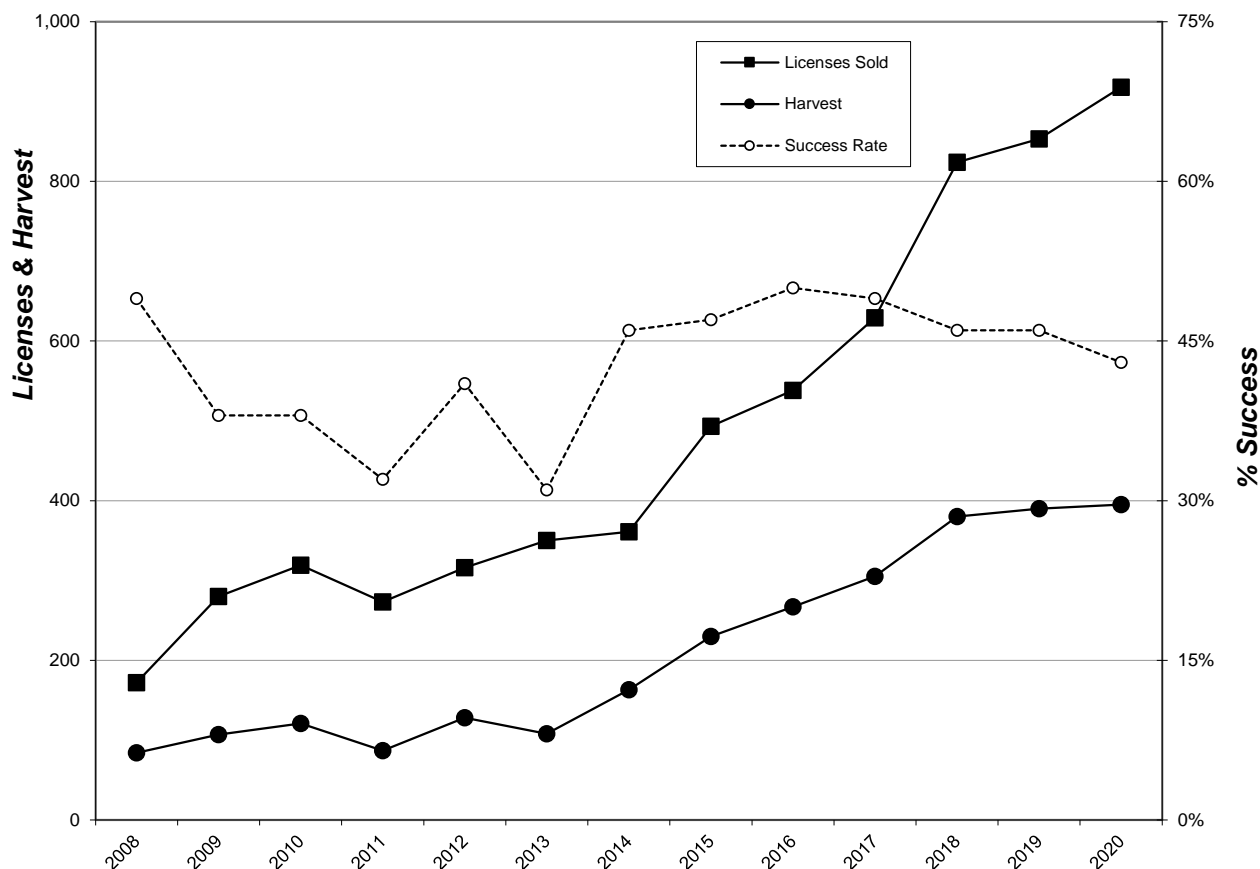
13-Apr-21

Unit	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
02A (Pennington E)	11	3	2	16	21	6	4	31	7.8%
11A (Bennett/Oglala Lakota)	4	0	0	4	8	0	0	8	1.9%
15A (Butte NW)	12	1	3	16	23	2	6	31	7.8%
15B (Butte/Lawrence)	1	2	2	5	2	4	4	10	2.5%
20A (Corson)	4	1	0	5	8	2	0	10	2.4%
21A (Custer E /Penn C)	3	1	0	4	6	2	0	8	1.9%
24A (Dewey)	1	0	1	2	2	0	2	4	1.0%
27A (F River/Custer SW)	15	2	0	17	29	4	0	33	8.2%
31A (Haakon)	6	0	0	6	11	0	0	11	2.9%
35A (Harding W)	22	3	3	28	42	6	6	54	13.6%
35B (Harding E)	18	1	2	21	34	2	4	40	10.2%
36A (Hughes)	2	0	0	2	4	0	0	4	1.0%
38A (Hyde, Hand, Buffalo)	2	0	0	2	4	0	0	4	1.0%
39A (Jackson)	8	2	1	11	15	4	2	21	5.3%
41A (Jones)	1	0	0	1	2	0	0	2	0.5%
45A (Lyman)	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	11	1	0	12	21	2	0	23	5.8%
49B (Meade S)	4	2	0	6	8	4	0	12	2.9%
50A (Mellette)	1	1	0	2	2	2	0	4	1.0%
53A (Perkins N)	12	2	1	15	23	4	2	29	7.3%
53B (Perkins S)	13	2	4	19	25	4	8	36	9.2%
58A (Stanley)	5	0	0	5	10	0	0	10	2.4%
59A (Sully)	0	0	3	3	0	0	6	6	1.5%
60A (Tripp)	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	0	0	0	0	0	0	0	0	0.0%
64A (Ziebach)	4	0	0	4	8	0	0	8	1.9%
Unknown	34	6	5	45					
<b>TOTALS</b>	<b>194</b>	<b>30</b>	<b>27</b>	<b>251</b>	<b>305</b>	<b>47</b>	<b>43</b>	<b>395</b>	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

## Mentored Youth Antelope 2008-2020



## CUSTER STATE PARK ANTELOPE

The Custer State Park Antelope season was closed in 2020.

Summary comparison of the 2011-2020 Custer State Park Antelope seasons

Year	Apps	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
			Bucks	Does	Total			
2011	1,170	3	3	0	3	100%	1.3	NA
2012	916	3	3	0	3	100%	1.3	NA
2013	995	3	3	0	3	100%	1.0	NA
2014	1,086	3	3	0	3	100%	2.0	6.00
2015	1,223	3	3	0	3	100%	1.7	6.67
2016	1,243	3	3	0	3	100%	1.3	7.00
2017	Season Closed							
2018	Season Closed							
2019	Season Closed							
2020	Season Closed							

# ARCHERY ELK

A total of 204 resident licenses were issued for the 2020 Archery Elk season. All license holders were sent a survey at the end of the season and 187 responded for a 92% response rate. Approximately 89% responded through the Internet.

Respondents reported hunting an average of 11.24 days for a total of 2,293 days of recreation for the season. The projected harvest was 80 bulls and 12 cows for an overall success rate of 45%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.90 for the season. Approximately 93% of responding hunters reported hunting on public land, 4% on private land they did not own, and 3% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check-in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

## Summary comparison of the 2011-2020 Archery Elk seasons

Year	# Apps 1 <sup>st</sup> Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61
2015	4,761	196	55	12	66	34%	11.74	5.39
2016	4,965	280	57	25	82	29%	11.11	5.40
2017	4,892	269	50	20	70	26%	11.29	5.60
2018	5,006	219	65	19	84	38%	11.70	5.50
2019	5,382	216	77	14	91	42%	11.08	5.61
2020	5,884	204	80	12	92	45%	11.24	5.90

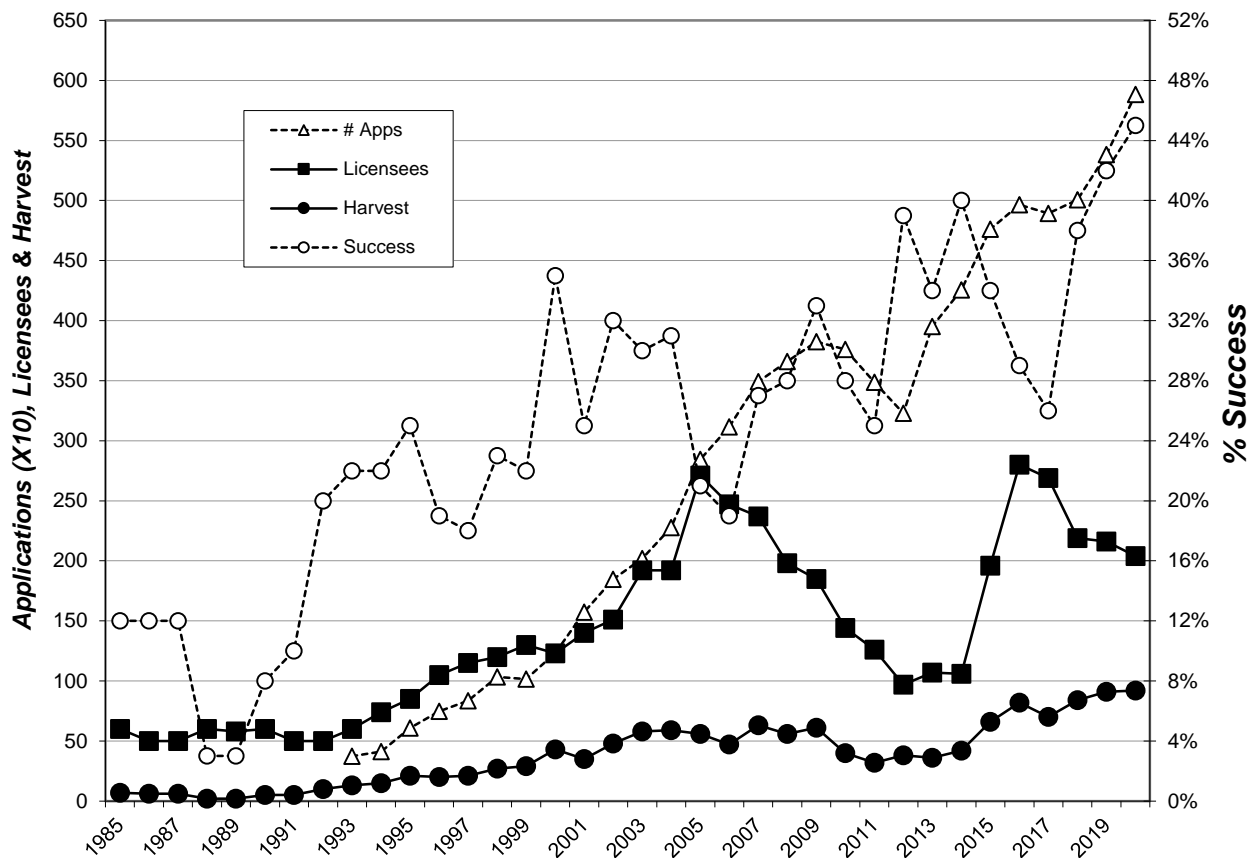
## 2020 Archery Elk Harvest Projections

Last Revised: 29 March 2021

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
Appl. 1st						Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested	CI (95%)				Public	Own	Other	
Unit/Type	Choice *	Avail.	Sold	Resp.	Success													
H1A-21	756	20	17	94%	63%	10	1	0	0	11	+/-1	4	6.6	13.6	16	0	0	
H1A-23	20	10	8	88%	29%	0	2	0	0	2	+/-1	3	6.5	5.0	7	0	0	
H2A-21	4,081	80	80	96%	64%	49	1	1	0	51	+/-2	18	6.2	12.1	79	0	1	
H2A-23	78	40	37	86%	6%	0	2	0	0	2	+/-1	7	5.8	8.4	29	0	1	
H3A-21	687	35	32	88%	57%	17	1	0	0	18	+/-2	7	5.3	13.7	22	6	3	
H3A-23	17	20	19	95%	22%	0	4	0	0	4	+/-1	1	5.5	6.7	14	0	2	
H5A-21	57	2	2	100%	50%	1	0	0	0	1	+/-0	0	5.5	19.0	2	0	0	
H7A-21	188	10	9	78%	29%	3	0	0	0	3	+/-1	1	5.0	16.1	9	0	0	
Totals	5,884	217	204	91.7%	45.2%	79	12	1	0	92	+/- 9	41	5.90	11.24	178	5	8	
The response rate for all units combined is:					91.7%											93%	3%	4%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		



## Archery Elk 1985-2020



## **BLACK HILLS FIREARM ELK**

A total of 926 licenses were issued for the 2020 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 730 responded for a 79% response rate. Approximately 89% responded through the Internet.

Respondents reported hunting an average of 5.35 days which projects to a total of 4,954 days of recreation for the season. The projected harvest was 360 bulls and 224 cows for an overall success rate of 63%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.33 for the season. Approximately 79% of responding hunters reported hunting on public land, 14% on private land they did not own, and 7% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

### Summary comparison of the 2011-2020 Black Hills Firearm Elk seasons

<b>Year</b>	<b># Apps</b>	<b>Licenses</b>	<b>Harvest</b>			<b>Success</b>	<b>Avg. Days</b>	<b>Average</b>
	<b>1<sup>st</sup> Choice</b>	<b>Sold</b>	<b>Bulls</b>	<b>Cows</b>	<b>Total</b>	<b>Rate</b>	<b>Hunted</b>	<b>Satisfaction</b>
2011	11,031	866	299	173	472	55%	6.80	4.64
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46
2015	12,126	922	312	345	657	71%	6.66	5.54
2016	12,692	1,745	363	724	1,087	62%	4.59	5.42
2017	12,201	1,581	364	682	1,047	66%	4.77	5.50
2018	11,871	1,124	315	402	717	64%	5.08	5.36
2019	12,396	1,108	332	354	686	62%	5.00	5.48
2020	13,198	926	360	224	585	63%	5.35	5.33

## 2020 Black Hills Firearm Elk Harvest Projections

Last Revised: 29 March 2021

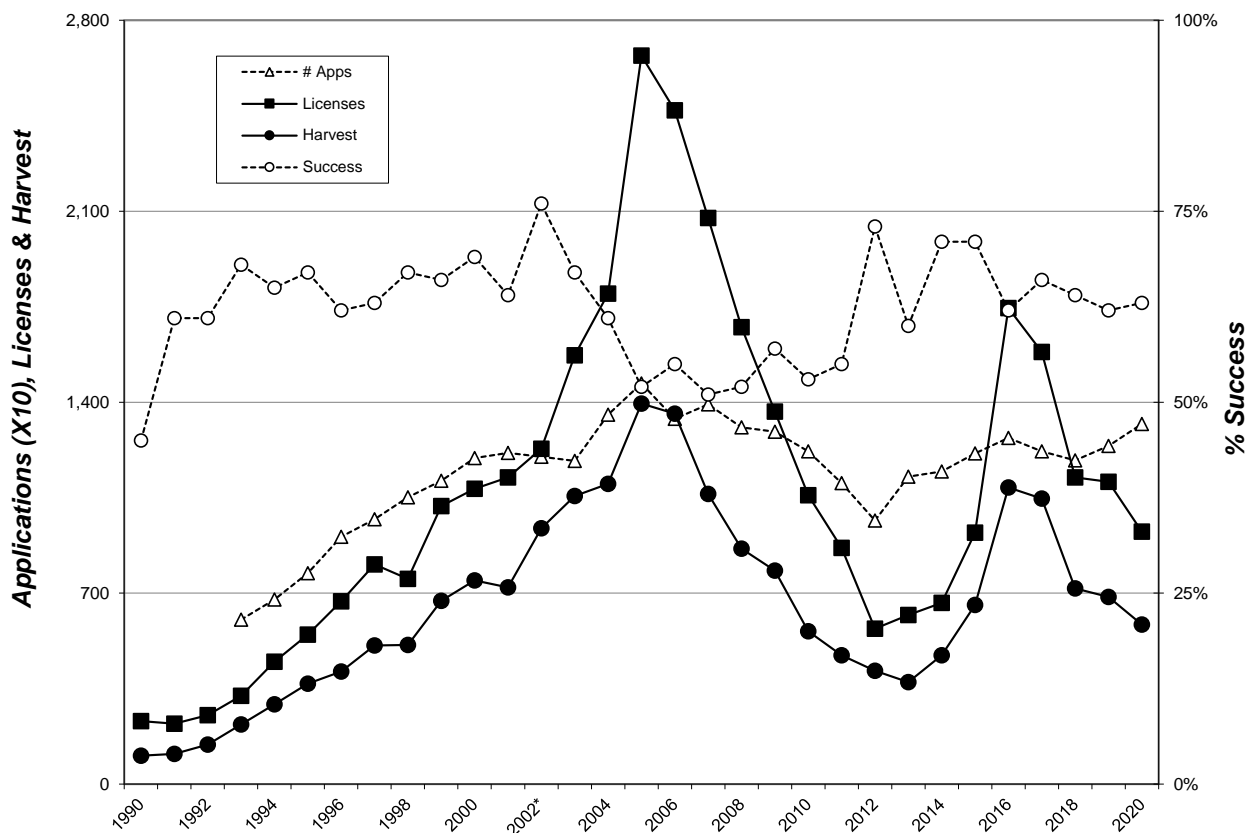
Resident Licenses							Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most					
Appl. 1st		Avail.	Sold	Resp.	Success	Bulls	Cows	Bull	Cow	Total Elk	CI (95%)	Recovered				Score	Hunted	Public	Own	Other	
Unit/Type	Choice *							Calves	Calves	Harvested											
H1A-21	1,293	50	49	82%	83%	39	1	0	0	40	+/-3	2	5.90	5.9	44	2	2				
H1B-23	56	15	15	80%	67%	0	9	0	1	10	+/-2	0	4.58	6.6	15	0	0				
H2A-21	9,006	240	237	92%	87%	197	9	0	0	205	+/-3	20	6.20	5.7	219	10	3				
H2B-23	258	25	22	86%	68%	0	14	0	1	15	+/-2	2	5.95	4.9	21	0	1				
H2E-23	248	50	49	90%	43%	0	20	0	1	21	+/-2	1	4.83	7.0	47	0	0				
H2H-23	4	5	5	60%	67%	0	3	0	0	3	+/-2	0	6.33	6.3	5	0	0				
H2I-23	9	15	15	87%	8%	0	1	0	0	1	+/-1	0	2.25	5.8	13	0	1				
H2J-23	5	15	15	87%	46%	0	7	0	0	7	+/-2	0	5.18	2.7	12	0	1				
H3A-21	1,645	100	99	81%	80%	74	4	0	1	79	+/-4	5	5.66	5.3	56	33	9				
H3B-23	31	30	29	86%	36%	0	9	1	0	10	+/-2	1	4.54	6.3	27	0	1				
H3C-23	8	30	30	67%	25%	0	8	0	0	8	+/-3	0	4.85	5.7	29	2	0				
H3D-23	6	30	29	69%	30%	0	9	0	0	9	+/-3	0	4.58	4.1	26	0	1				
H3E-23	29	60	58	50%	45%	0	20	0	6	26	+/-7	0	5.25	4.7	42	0	14				
H3F-23	14	60	59	78%	39%	1	21	0	1	23	+/-4	3	4.17	4.0	36	1	17				
H3G-23	1	60	60	83%	32%	0	16	2	1	19	+/-3	2	3.92	4.5	53	0	6				
H4A-21	76	20	20	35%	100%	20	0	0	0	20	+/-0	0	5.86	3.3	0	3	17				
H4B-23	11	40	40	73%	62%	0	21	1	3	25	+/-4	1	5.25	4.1	6	3	30				
H5A-21	74	5	5	80%	75%	3	1	0	0	4	+/-1	0	4.25	15.3	3	3	0				
H7A-21	334	20	20	40%	75%	10	5	0	0	15	+/-5	0	6.00	8.4	18	3	0				
H7B-23	25	15	15	73%	64%	0	7	0	3	10	+/-2	1	5.82	6.2	14	0	1				
H9A-21	63	15	15	53%	88%	11	0	0	2	13	+/-2	0	5.13	6.5	0	4	11				
H9B-23	2	40	40	78%	52%	0	19	0	1	21	+/-3	4	5.18	4.6	9	0	27				
Totals	13,198	940	926	78.8%	63.1%	355	202	5	22	585	+/- 59	43	5.33	5.35	712	61	124				
The response rate for all units combined is:					78.8%														79%	7%	14%

The response rate for all units combined is: 78.8%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

\* Number of 1st drawing applicants with that unit as 1st choice.

## Black Hills Firearm Elk 1990-2020



## PRAIRIE FIREARM ELK

A total of 251 licenses were issued for the 2020 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 175 responded for a 70% response rate. Approximately 89% responded through the Internet.

Respondents reported hunting an average of 5.97 days for a total of 1,499 days of recreation. The projected harvest was 56 bulls and 87 cows for an overall success rate of 57%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.02 for the season.

Approximately 13% of responding hunters reported hunting mostly on public land, 70% on private land they did not own, and 16% on private land they owned.

Summary comparison for 2011-2020 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
2011	128	20	15	35	27%	4.03	4.02
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31
2015	98	29	25	54	55%	4.59	5.34
2016	148	32	27	60	40%	4.76	4.68
2017	149	41	34	75	50%	6.43	4.81
2018	139	59	51	109	79%	5.55	5.58
2019	140	41	50	91	65%	5.73	5.43
2020	251	56	87	143	57%	5.97	5.02

## 2020 Prairie Firearm Elk Harvest Projections

Last Revised: 29 March 2021

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most					
Appl. 1st		Avail.	Sold	Resp.	Success	Bull		Cow	Total Elk		Public				Own	Other				
Unit/Type	Choice *					Calves	Calves	Harvested	Cl (95%)											
09A-21	335	10	10	80%	63%	6	0	0	0	6	+/-2	1	5.5	9.4	0	5	5			
09A-23	42	15	15	80%	8%	0	1	0	0	1	+/-1	0	3.6	8.4	1	1	10			
11A-23	34	18	16	50%	63%	0	8	0	2	10	+/-4	0	4.3	3.4	0	0	16			
11B-21	451	16	16	56%	67%	11	0	0	0	11	+/-3	0	6.1	8.8	2	0	11			
11C-21	155	16	16	81%	92%	12	1	1	0	15	+/-1	1	6.2	4.9	1	6	9			
11D-23	60	30	30	77%	91%	0	22	1	4	27	+/-2	1	6.1	4.2	0	1	29			
11E-23	44	30	30	73%	45%	0	11	1	1	14	+/-3	4	5.3	3.6	0	0	27			
11F-23	9	30	30	50%	53%	0	14	0	2	16	+/-5	0	5.0	3.1	4	0	22			
15A-21	115	8	8	88%	29%	1	1	0	0	2	+/-1	0	4.6	12.0	0	2	6			
15A-23	7	5	5	100%	0%	0	0	0	0	0	+/-0	0	2.3	8.2	0	1	2			
27A-21	515	10	9	67%	83%	8	0	0	0	8	+/-2	0	6.5	5.5	3	5	2			
27A-23	31	10	9	67%	67%	0	6	0	0	6	+/-2	0	5.2	2.7	0	0	8			
35A-21	729	4	4	100%	100%	4	0	0	0	4	+/-0	0	6.3	5.3	2	2	0			
35A-23	31	8	7	71%	60%	0	4	0	0	4	+/-2	0	5.0	6.0	3	1	0			
35B-21	1,214	4	4	75%	100%	4	0	0	0	4	+/-0	0	6.0	14.0	1	1	1			
35B-23	68	12	12	67%	63%	0	6	2	0	8	+/-2	0	5.0	6.8	9	2	2			
WRA-21	652	10	10	60%	50%	5	0	0	0	5	+/-3	0	4.0	11.0	3	3	3			
WRA-23	40	20	20	75%	13%	0	3	0	0	3	+/-2	0	2.8	7.8	1	3	11			
Totals	4,532	256	251	69.7%	57.0%	51	78	5	9	143	+/- 34	8	5.02	5.97	30	37	159			
The response rate for all units combined is:															69.7%			13%	16%	70%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																				
* Number of 1st drawing applicants with that unit as 1st choice.																				

## **CUSTER STATE PARK ARCHERY ELK**

A total of 3 resident licenses were issued for the 2020 Custer State Park Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2020.

Respondents reported hunting an average of 13.7 days for a total of 41 days of recreation. One hunter reported harvesting an adult bull. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.50 for the season.

Summary comparison of the 2011-2020 CSP Archery elk seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
2011	3,863	18	1	0	6%	7.8	NA
2012	2,077	3	0	0	0%	14.0	NA
2013	2,740	3	3	0	100%	9.3	NA
2014	3,023	4	4	0	100%	8.8	7.00
2015	3,600	4	3	0	75%	16.3	6.50
2016	3,707	3	1	0	33%	15.0	6.00
2017	3,704	3	1	0	33%	9.7	5.67
2018	3,772	3	2	0	50%	11.0	5.50
2019	4,055	3	3	0	100%	5.0	7.00
2020	4,353	3	1	0	33%	13.7	6.50

## **CUSTER STATE PARK FIREARM ANY ELK**

A total of 9 resident licenses were issued for the 2020 Custer State Park Firearm Any Elk season which was open from October 1-31.

Respondents reported hunting an average of 5.8 days for a total of 52 days of recreation. All hunters responded and 8 reported harvesting adult bulls. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.89 for the season.

Summary comparison of the 2011-2020 CSP Firearm Any elk seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
2011	8,019	11	10	0	91%	5.5	NA
2012	6,582	4	4	0	100%	1.75	NA
2013	7,860	4	3	1	100%	2.0	NA
2014	8,084	4	4	0	100%	1.0	7.00
2015	9,136	8	8	0	100%	1.9	6.88
2016	8,958	9	8	0	89%	2.8	6.56
2017	8,828	9	8	0	88%	2.3	6.71
2018	8,670	9	8	0	86%	5.7	5.71
2019	8,949	9	8	0	89%	2.8	6.25
2020	9,385	9	8	0	89%	5.8	6.89

# **CUSTER STATE PARK ANTLERLESS ELK**

The Custer State Park Antlerless Elk season was closed in 2020.

Summary comparison of the 2007-2020 CSP Antlerless elk seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
2007	3,763	60	1	31	53%	3.3	NA
2008	3,646	40	2	21	55%	2.8	NA
2009	3,548	20	0	19	95%	2.5	NA
2010	3,192	5	0	4	80%	NA	NA
2011-15	Closed						
2016	3,138	20	0	18	90%	2.20	6.20
2017	3,436	29	1	24	86%	2.10	5.83
2018	3,175	23	0	4	19%	3.35	2.19
2019-20	Closed						

# Statewide Combined Deer Harvest

There were 51,771 resident deer licenses (plus unlimited licenses) available in 2020 and 104,340 were issued. Nonresidents had 2,837 licenses (plus unlimited licenses) available and 8,566 were issued. Statewide, there were a total of 112,906 licenses sold that represented a total of 128,215 tags, an increase in 6,590 licenses and 7,294 tags from 2019. A total of 70,469 individual hunters were issued deer licenses in 2020, up from 68,644 in 2019.

All hunters that listed an email address were surveyed using Survey123 Software. All hunters who did not respond or did not supply an email address were mailed post card requests to respond through the GFP website. Response rates ranged from 33% for Landowner Antlerless Deer to 77% for Custer State Park.

The projected statewide deer harvest was 59,071, an increase of over 8,000 from 2019. This estimate included 30,491 whitetail bucks, 21,147 whitetail does, 5,904 mule bucks and 1,530 mule does. Increases in white-tailed buck, white-tailed doe, mule buck, and mule doe harvest accounted for the increase in overall harvest. Mule deer made up approximately 13% of the total harvest.

The 2020 overall statewide harvest success increased to 46% from 42% in 2019. Harvest success ranged from 23% for Waubay Refuge to 74% for West River Special Buck.

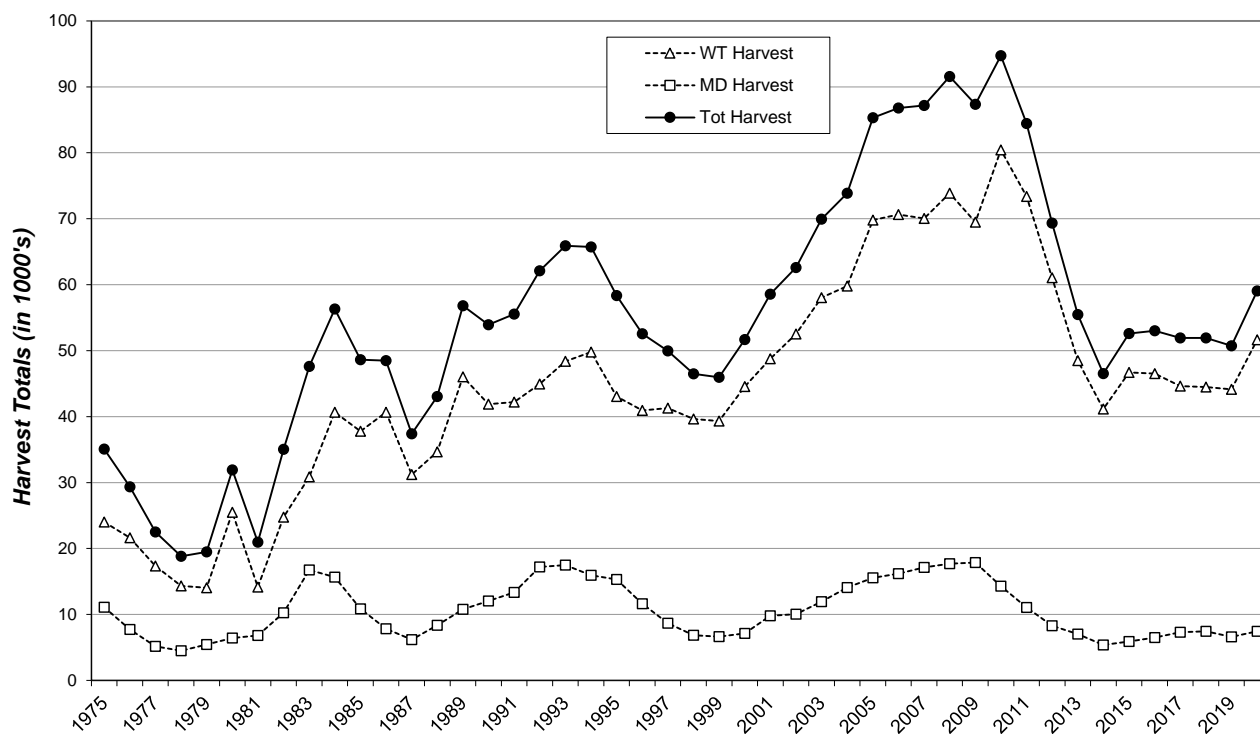
The total statewide estimate of 603,635 recreation days of deer hunting in 2020 results in an average of 5.35 days per hunter. Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) ranged from 4.55 for Sand Lake Refuge to 6.19 for Custer State Park.

## 2020 Statewide Deer Harvest Projection Summary

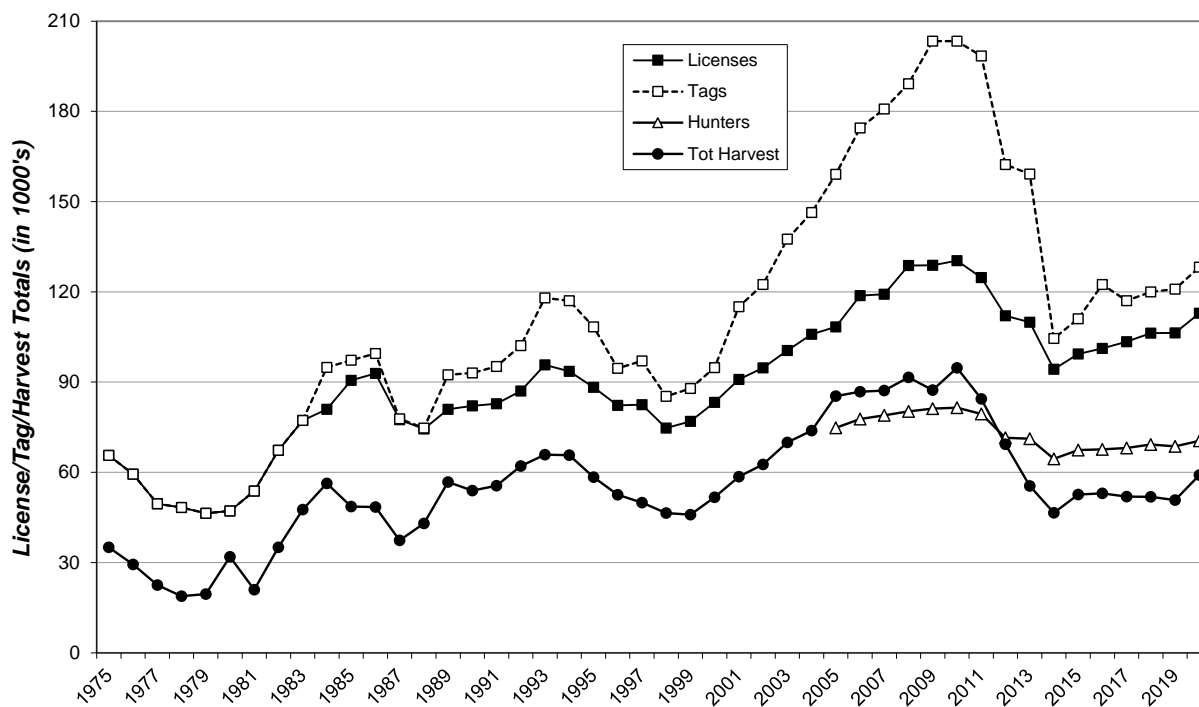
last revised: 12 May 2021

SOUTH DAKOTA Harvest Statistic	Season	Archery	Apprentice Antlerless	Mentored Youth	Muzzleloader	Landowner Own Land Antlerless	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Refuges			Black Hills	Black Hills Landowner Own Land	Custer State Park	Grand Totals
													Sand Lake NWR	Waubay NWR	Lacreek NWR				
<u>Licenses/Tags</u>																			
Resident Licenses		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	17,928	Unlimited	1,000	27,310	Unlimited	500	105	20	20	4,800	Unlimited	88	51,771
Available		29,551	3,794	6,387	3,550	387	17,960	2,776	997	26,225	7,092	499	108	20	17	4,850	39	88	104,340
Sold																			
Resident Tags		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	23,948	Unlimited	1,000	30,110	Unlimited	500	105	20	20	4,800	Unlimited	88	60,591
Available		29,551	3,794	6,387	3,550	387	23,974	4,463	997	28,848	11,537	499	108	20	17	4,850	61	88	119,131
Sold																			
Nonresident Licenses		Unlimited	Unlimited	N/A	Unlimited	Unlimited	1,439	Unlimited	1,000	Leftovers	N/A	N/A	10	2	2	384	N/A	N/A	2,837
Available		4,692	508	N/A	157	6	1,422	29	958	437	N/A	N/A	10	2	2	343	N/A	N/A	8,566
Sold																			
Nonresident Tags		Unlimited	Unlimited	N/A	Unlimited	Unlimited	1,921	Unlimited	1,000	Leftovers	N/A	N/A	10	2	2	384	N/A	N/A	3,319
Available		4,692	508	N/A	157	6	1,914	41	958	451	N/A	N/A	10	2	2	343	N/A	N/A	9,084
Sold																			
Total Licenses		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	19,367	Unlimited	2,000	27,310	Unlimited	500	115	22	22	5,184	Unlimited	88	54,608
Available		34,243	4,302	6,387	3,707	393	19,382	2,805	1,955	26,662	7,092	499	118	22	19	5,193	39	88	112,906
Sold																			
Total Tags		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	25,869	Unlimited	2,000	30,110	Unlimited	500	115	22	22	5,184	Unlimited	88	63,910
Available		34,243	4,302	6,387	3,707	393	25,888	4,504	1,955	29,299	11,537	499	118	22	19	5,193	61	88	128,215
Sold																			
Hunters		25,710	4,302	6,387	3,572	321	18,732	2,805	1,955	25,175	7,092	499	118	22	19	5,193	39	88	70,469
<u>Recreation</u>																			
Average Days Hunted		11.14	3.71	3.77	4.36	3.74	3.34	4.14	3.69	4.19	4.92	5.62	2.81	3.22	3.70	4.87	4.62	3.28	5.35
Total Days Hunted		286,443	15,956	24,071	15,577	4,413	62,569	11,620	7,207	111,812	34,915	2,803	332	71	70	25,307	180	289	603,635
Mean Satisfaction Score		5.25	5.73	5.77	5.14	4.92	5.30	5.29	5.81	4.90	5.07	5.11	4.55	5.24	5.64	5.44	5.23	6.19	
<u>Harvest</u>																			
White-tailed Deer		6,253	249	371	272	9	7,266	917	964	8,744	2,807	250	35	5	9	2,296	15	28	30,491
Bucks		2,807	1,847	2,773	882	212	4,058	546	16	5,405	1,655	6	5	0	0	897	11	26	21,147
Does		9,061	2,096	3,143	1,154	221	11,324	1,463	981	14,149	4,462	256	40	5	9	3,193	26	53	51,637
Total																			
Mule Deer		1,234	26	21	170	0	3,042	527	465	223	98	18	0	0	0	75	6	0	5,904
Bucks		150	372	472	17	0	237	214	4	23	36	0	0	0	0	7	0	0	1,530
Does		1,384	397	493	186	0	3,278	740	469	246	134	18	0	0	0	82	6	0	7,434
Total																			
Total Deer Harvest		7,487	275	392	442	9	10,308	1,444	1,429	8,967	2,905	268	35	5	9	2,371	21	28	36,394
Bucks		2,957	2,218	3,244	899	212	4,295	759	21	5,428	1,691	6	5	0	0	904	11	26	22,677
Does																			
Total		10,445	2,493	3,636	1,341	221	14,602	2,203	1,450	14,395	4,596	274	40	5	9	3,275	32	53	59,071
Success		31%	58%	57%	36%	56%	56%	49%	74%	49%	40%	55%	34%	23%	49%	63%	52%	61%	46%

### South Dakota Combined Deer Harvest 1975-2020



### South Dakota Combined Deer Licensing 1975-2020





## ARCHERY DEER

There were 34,243 archery deer licenses issued in 2020 (29,551 resident, 4,692 nonresident). All were single any-deer tags for the Statewide, East River, or West River units, or single antlerless whitetail tags for the LM1 (Limited Statewide) unit.

All license holders were surveyed and 13,520 responded for a 53% return rate. All hunters responded through the Internet.

The 2020 Archery Deer season ran from September 1, 2020 through January 1, 2021. Respondents reported hunting an average of 11.14 days, which projects to a total of 286,443 recreation days for the season.

The projected harvest for the archery season was 10,445 deer (6,253 whitetail bucks, 2,807 whitetail does, 910 mule deer bucks, and 140 mule deer does). The hunter success rate for the season was 36%. The five deer management units with the highest reported harvest by residents were the Black Hills, Brown, Minnehaha, Yankton, and Brookings, and by nonresidents were the Black Hills, Brown, Gregory, West Harding, and Butte.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.25.

### Summary comparison of the 2011-2020 Archery Deer seasons

YEAR	Licenses Sold		Harvest						Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total	Tag Success		
	Res	Nonres	WT	Mule	WT	Mule				
2011	24,681	3,386	4,216	459	3,534	193	8,401	27%	12.51	4.86
2012	25,100	3,128	4,086	379	3,264	137	7,866	26%	11.78	4.86
2013	24,315	3,036	3,875	424	2,585	141	7,025	24%	11.11	4.76
2014	21,647	2,840	3,948	562	1,459	83	6,052	25%	10.80	4.97
2015	23,507	3,180	5,042	632	1,593	73	7,340	28%	11.24	5.14
2016	24,531	3,474	4,780	824	1,987	89	7,680	27%	10.80	5.06
2017	25,512	3,800	4,750	961	1,775	136	7,622	26%	10.94	5.24
2018	26,660	4,449	4,930	1,115	1,902	141	8,088	26%	10.59	5.23
2019	25,970	4,325	5,436	910	2,210	140	8,696	29%	10.57	5.25
2020	29,551	4,692	6,253	1,234	2,807	150	10,445	31%	11.14	5.25

### 2020 Archery Deer Harvest Projections

Last Revised: 9-Apr-21		Harvest Projections																			Avg Days Hunted		Avg Satisfaction			
		Licenses								Whitetail								Mule Deer							Total Deer	
										Bucks				Does				Bucks							Does	
Unit-Type	Residency	Available	Sold	License Holders	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	CI (95%)									
ER1-01	Resident	Unlimited	8,914	8,914	53%	32%	32%	2,317	77	317	39	73	2	8	0	2,833	+/-81									
	Nonresident	Unlimited	686	686	59%	43%	43%	265	2	9	0	12	0	3	2	292	+/-21									
WR1-01	Resident	Unlimited	6,636	6,636	53%	24%	24%	879	17	179	15	417	13	63	6	1,589	+/-65									
	Nonresident	Unlimited	1,133	1,133	51%	45%	45%	251	2	45	0	194	2	14	2	510	+/-32									
ST1-01	Resident	Unlimited	8,837	8,837	52%	26%	26%	1,684	40	320	33	180	8	25	0	2,289	+/-77									
	Nonresident	Unlimited	2,439	2,439	56%	42%	42%	575	9	73	4	326	7	28	0	1,022	+/-42									
LM1-13	Resident	Unlimited	5,164	5,164	56%	33%	33%	0	121	1,520	86	0	0	0	0	1,727	+/-59									
	Nonresident	Unlimited	434	434	56%	42%	42%	0	14	164	5	0	0	0	0	184	+/-18									
Totals	Resident	Unlimited	29,551	21,366	52.1%	34%	29%	4,881	256	2,335	173	670	23	95	6	8,438	+/-282	12.07	5.18							
	Nonresident	Unlimited	4,692	4,344	55.2%	44%	43%	1,090	27	290	9	532	9	46	4	2,007	+/-113	6.55	5.59							
Grand Totals			34,243	25,710	52.6%	36%	31%	5,971	282	2,626	182	1,202	32	141	9	10,445	+/-395	11.14	5.25							

South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections  
Corey Huxoll

## 2020 Archery Deer Harvest Distribution by Management Unit

Last Revised:  
30-Apr-21

Unit	Projected Harvest										Total	
	Whitetail				Mule Deer							
	Bucks		Does		Bucks		Does					
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%		
01A (Minnehaha)	251	10	144	4	0	0	0	0	409	3.9%		
02A (NE Penn/SE Meade)	27	4	10	0	41	0	2	0	84	0.8%		
02C (SE Pennington)	31	0	8	2	49	2	2	0	94	0.9%		
03A (Brown)	232	14	137	8	0	0	0	0	392	3.8%		
04A (Beadle)	129	8	64	4	0	0	0	0	205	2.0%		
05A (Codington)	173	6	57	6	0	0	0	0	243	2.3%		
06A (Brookings)	207	8	121	0	0	0	0	0	336	3.2%		
07A (Yankton)	163	10	90	4	0	0	0	0	268	2.6%		
08A (Davison)	86	2	8	6	0	0	0	0	102	1.0%		
10A (Aurora)	50	0	27	4	0	0	0	0	80	0.8%		
11A (N Bennett)	8	0	10	0	8	0	0	0	27	0.3%		
11B (S Bennett)	21	0	4	0	2	0	0	0	27	0.3%		
12A (Bon Homme)	62	6	18	2	0	0	0	0	89	0.9%		
13A (Brule)	27	2	14	2	0	0	0	0	45	0.4%		
13L (Brule GPA/Corps)	8	0	0	0	0	0	0	0	8	0.1%		
14A (Buffalo)	10	0	4	0	16	0	6	0	37	0.4%		
15A (Butte)	76	0	41	2	69	4	4	0	196	1.9%		
15B (SW Butte/Lawrence)	95	2	57	2	14	0	0	0	171	1.6%		
16A (Campbell)	27	2	12	0	4	0	0	0	45	0.4%		
17A (Charles Mix)	83	2	31	2	12	0	0	0	130	1.2%		
18A (Clark)	160	2	55	4	0	0	0	0	222	2.1%		
19A (Clay)	113	2	47	0	0	0	0	0	162	1.6%		
20A (Corson)	31	0	4	0	53	6	2	0	96	0.9%		
21A (E Custer/S Penn)	71	2	25	0	29	0	4	2	132	1.3%		
21B (C Custer/C Penn)	29	0	20	0	4	0	0	0	53	0.5%		
22A (Day)	128	4	41	4	0	0	0	0	177	1.7%		
23A (Deuel)	81	0	51	2	0	0	0	0	135	1.3%		
24A (Dewey)	14	0	4	0	16	0	2	0	37	0.4%		
24B (Little Moreau)	8	0	4	0	4	0	0	0	16	0.2%		
25A (Douglas)	21	2	12	0	0	0	0	0	35	0.3%		
26A (Edmunds)	83	8	31	2	0	0	0	0	124	1.2%		
27A (NW FRiver/SW Cust)	15	0	6	0	12	0	4	0	37	0.4%		
27B (Fall River)	37	8	10	2	37	0	16	0	110	1.1%		
27L (Hill Ranch Area)	8	0	6	4	4	0	0	0	22	0.2%		
28A (Faulk)	54	2	12	0	0	0	0	0	68	0.7%		
29A (Grant)	148	6	33	8	0	0	0	0	195	1.9%		
30A,B (Gregory)	111	6	59	2	6	0	0	0	184	1.8%		
31A (Haakon)	51	0	12	0	66	0	8	0	137	1.3%		
32A (Hamlin)	115	10	68	2	0	0	0	0	195	1.9%		
33A (Hand)	41	2	8	6	8	0	0	0	66	0.6%		
34A (Hanson)	44	0	4	0	0	0	0	0	48	0.5%		
35A (W Harding)	63	8	20	0	134	2	18	4	248	2.4%		
35C (E Harding)	16	0	10	2	43	4	4	0	79	0.8%		
35L (Custer Nat Forest)	20	0	0	0	49	0	4	0	73	0.7%		
36A (Hughes)	63	12	27	6	17	2	2	0	128	1.2%		
37A (Hutchinson)	54	0	8	0	0	0	0	0	62	0.6%		
38A (Hyde)	20	0	2	0	2	0	0	0	25	0.2%		
39A (N Jackson)	23	0	4	0	14	4	4	0	49	0.5%		
39B (S Jackson)	15	0	4	0	8	0	0	0	27	0.3%		
40A (Jerauld)	25	2	6	2	4	0	0	0	39	0.4%		
41A (Jones)	18	2	8	0	22	0	0	0	51	0.5%		
42A (Kingsbury)	121	6	31	4	0	0	0	0	162	1.6%		
43A (Lake)	140	8	62	4	0	0	0	0	214	2.0%		
44A (Lincoln)	142	20	72	11	0	0	0	0	245	2.3%		
45A (W Lyman)	33	4	18	2	19	2	2	0	80	0.8%		
45B (E Lyman)	25	4	18	2	6	0	2	0	57	0.5%		
45C (NE Lyman/SE Stanley)	6	0	0	0	6	0	0	0	12	0.1%		
45D (Ft Pr Nat Grslnd)	4	2	2	0	12	0	0	0	21	0.2%		
46A (McCook)	105	4	53	4	0	0	0	0	166	1.6%		
47A (McPherson)	50	2	24	4	0	0	2	0	82	0.8%		
48A (Marshall)	97	0	26	0	0	0	0	0	124	1.2%		
49A (W Meade)	127	2	63	2	19	4	0	0	217	2.1%		
49B (NE Meade)	27	0	27	2	29	0	2	0	86	0.8%		
50A,B (Mellette)	27	0	4	2	18	0	2	0	54	0.5%		
51A (Miner)	48	2	25	2	0	0	0	0	77	0.7%		
52A (Moody)	84	0	47	4	0	0	0	0	135	1.3%		
53A (N Perkins)	23	6	10	0	49	2	8	2	99	0.9%		
53C (S Perkins)	16	0	6	0	41	0	4	0	67	0.6%		
54A (Potter)	23	0	8	0	8	0	0	2	41	0.4%		
55A (Roberts)	122	18	51	6	0	0	0	0	197	1.9%		
56A (Sanborn)	50	4	18	0	0	0	0	0	72	0.7%		
57A (Spink)	88	2	25	2	0	0	0	0	117	1.1%		
58A (Stanley)	42	0	4	0	64	0	2	0	111	1.1%		
59A (W Sully)	35	4	10	0	49	0	14	0	112	1.1%		
59B (E Sully)	12	0	8	2	6	0	0	0	29	0.3%		
60A (Tripp)	66	0	37	2	4	0	0	0	109	1.0%		
61A (Turner)	78	2	14	0	0	0	0	0	94	0.9%		
62A (Union)	137	12	84	11	2	0	0	0	246	2.4%		
63A (Walworth)	55	2	10	0	14	2	2	0	86	0.8%		
64A (Ziebach)	4	0	2	0	8	0	0	0	14	0.1%		
65A (Oglala Lakota)	4	0	0	0	0	0	0	0	4	0.0%		
67A (Todd)	12	4	0	0	0	0	0	0	16	0.2%		
BH (Black Hills)	719	20	401	17	99	0	22	0	1,277	12.2%		
TOTALS	5,971	282	2,626	182	1,202	32	141	9	10,445			

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.  
Use these figures for approximations only!

# South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections

Corey Huxoll

2020 Resident Archery Deer Harvest Dist by Management Unit										
Last Revised: 30-Apr-21	Projected Harvest									
	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	247	10	138	4	0	0	0	0	399	4.7%
02A (NE Penn/SE Meade)	25	4	10	0	10	0	2	0	52	0.6%
02C (SE Pennington)	25	0	8	2	27	0	2	0	64	0.8%
03A (Brown)	172	14	125	8	0	0	0	0	320	3.8%
04A (Beadle)	115	8	62	4	0	0	0	0	189	2.2%
05A (Codington)	161	6	53	6	0	0	0	0	227	2.7%
06A (Brookings)	197	8	119	0	0	0	0	0	324	3.8%
07A (Yankton)	153	10	90	4	0	0	0	0	258	3.1%
08A (Davison)	84	2	8	6	0	0	0	0	100	1.2%
10A (Aurora)	36	0	21	2	0	0	0	0	58	0.7%
11A (N Bennett)	4	0	8	0	4	0	0	0	17	0.2%
11B (S Bennett)	15	0	4	0	0	0	0	0	19	0.2%
12A (Bon Homme)	50	6	18	2	0	0	0	0	77	0.9%
13A (Brule)	21	2	12	0	0	0	0	0	35	0.4%
13L (Brule GPA Corps)	4	0	0	0	0	0	0	0	4	0.0%
14A (Buffalo)	8	0	4	0	6	0	0	0	19	0.2%
15A (Butte)	50	0	31	2	19	4	4	0	110	1.3%
15B (SW Butte/Lawrence)	71	2	45	2	8	0	0	0	129	1.5%
16A (Campbell)	21	2	10	0	4	0	0	0	37	0.4%
17A (Charles Mix)	59	2	29	2	4	0	0	0	96	1.1%
18A (Clark)	134	2	45	4	0	0	0	0	186	2.2%
19A (Clay)	109	2	45	0	0	0	0	0	156	1.9%
20A (Corson)	19	0	4	0	27	4	2	0	56	0.7%
21A (E Custer/S Penn)	59	2	25	0	15	0	4	0	104	1.2%
21B (C Custer/C Penn)	21	0	14	0	4	0	0	0	39	0.5%
22A (Day)	92	4	37	2	0	0	0	0	135	1.6%
23A (Deuel)	76	0	51	2	0	0	0	0	129	1.5%
24A (Dewey)	10	0	4	0	8	0	2	0	25	0.3%
24B (Little Moreau)	6	0	4	0	0	0	0	0	10	0.1%
25A (Douglas)	21	2	12	0	0	0	0	0	35	0.4%
26A (Edmunds)	67	8	25	2	0	0	0	0	102	1.2%
27A (NW FRiver/SW Cust)	15	0	4	0	8	0	2	0	29	0.3%
27B (Fall River)	31	8	10	2	27	0	16	0	94	1.1%
27L (Hill Ranch Area)	2	0	4	4	2	0	0	0	12	0.1%
28A (Faulk)	42	2	6	0	0	0	0	0	50	0.6%
29A (Grant)	120	6	31	8	0	0	0	0	165	2.0%
30A,B (Gregory)	57	4	39	2	2	0	0	0	104	1.2%
31A (Haakon)	31	0	8	0	52	0	6	0	97	1.2%
32A (Hamlin)	109	10	66	2	0	0	0	0	187	2.2%
33A (Hand)	23	2	8	6	4	0	0	0	44	0.5%
34A (Hanson)	40	0	4	0	0	0	0	0	44	0.5%
35A (W Harding)	21	6	16	0	41	2	12	4	102	1.2%
35C (E Harding)	6	0	6	2	21	4	0	0	39	0.5%
35L (Custer Nat Forest)	6	0	0	0	25	0	4	0	35	0.4%
36A (Hughes)	57	10	27	6	15	2	0	0	116	1.4%
37A (Hutchinson)	48	0	8	0	0	0	0	0	56	0.7%
38A (Hyde)	10	0	0	0	2	0	0	0	13	0.1%
39A (N Jackson)	15	0	0	0	12	0	4	0	31	0.4%
39B (S Jackson)	13	0	4	0	4	0	0	0	21	0.2%
40A (Jerauld)	19	2	4	2	4	0	0	0	31	0.4%
41A (Jones)	4	2	8	0	12	0	0	0	27	0.3%
42A (Kingsbury)	109	6	31	4	0	0	0	0	150	1.8%
43A (Lake)	132	8	62	4	0	0	0	0	206	2.4%
44A (Lincoln)	132	20	72	11	0	0	0	0	235	2.8%
45A (W Lyman)	19	4	18	2	17	2	2	0	64	0.8%
45B (E Lyman)	17	0	10	2	2	0	0	0	31	0.4%
45C (NE Lyman/SE Stanley)	4	0	0	0	4	0	0	0	8	0.1%
45D (Ft Pr Nat Grslnd)	4	2	2	0	10	0	0	0	19	0.2%
46A (McCook)	105	4	51	4	0	0	0	0	164	1.9%
47A (McPherson)	34	2	18	4	0	0	0	0	58	0.7%
48A (Marshall)	69	0	16	0	0	0	0	0	86	1.0%
49A (W Meade)	105	2	49	2	15	4	0	0	177	2.1%
49B (NE Meade)	17	0	21	0	17	0	2	0	56	0.7%
50A,B (Mellelette)	21	0	2	2	12	0	2	0	40	0.5%
51A (Miner)	44	2	23	2	0	0	0	0	71	0.8%
52A (Moody)	82	0	47	4	0	0	0	0	133	1.6%
53A (N Perkins)	17	2	6	0	19	0	4	2	49	0.6%
53C (S Perkins)	6	0	4	0	19	0	4	0	33	0.4%
54A (Potter)	19	0	4	0	4	0	0	0	27	0.3%
55A (Roberts)	88	10	47	6	0	0	0	0	152	1.8%
56A (Sanborn)	42	2	10	0	0	0	0	0	54	0.6%
57A (Spink)	52	0	25	0	0	0	0	0	77	0.9%
58A (Stanley)	34	0	4	0	50	2	0	0	89	1.1%
59A (W Sully)	23	4	8	0	39	0	8	0	82	1.0%
59B (E Sully)	6	0	8	2	4	0	0	0	21	0.2%
60A (Tripp)	46	0	27	2	0	0	0	0	75	0.9%
61A (Turner)	76	2	14	0	0	0	0	0	92	1.1%
62A (Union)	115	12	82	11	2	0	0	0	222	2.6%
63A (Walworth)	27	2	8	0	8	2	0	0	48	0.6%
64A (Ziebach)	4	0	2	0	4	0	0	0	10	0.1%
65A (Oglala Lakota)	2	0	0	0	0	0	0	0	2	0.0%
67A (Todd)	4	4	0	0	0	0	0	0	8	0.1%
BH (Black Hills)	621	18	343	17	75	0	14	0	1,087	12.9%
<b>TOTALS</b>	<b>4,881</b>	<b>256</b>	<b>2,335</b>	<b>173</b>	<b>670</b>	<b>23</b>	<b>95</b>	<b>6</b>	<b>8,438</b>	
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units. Use these figures for approximations only!										

South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections  
Corey Huxoll

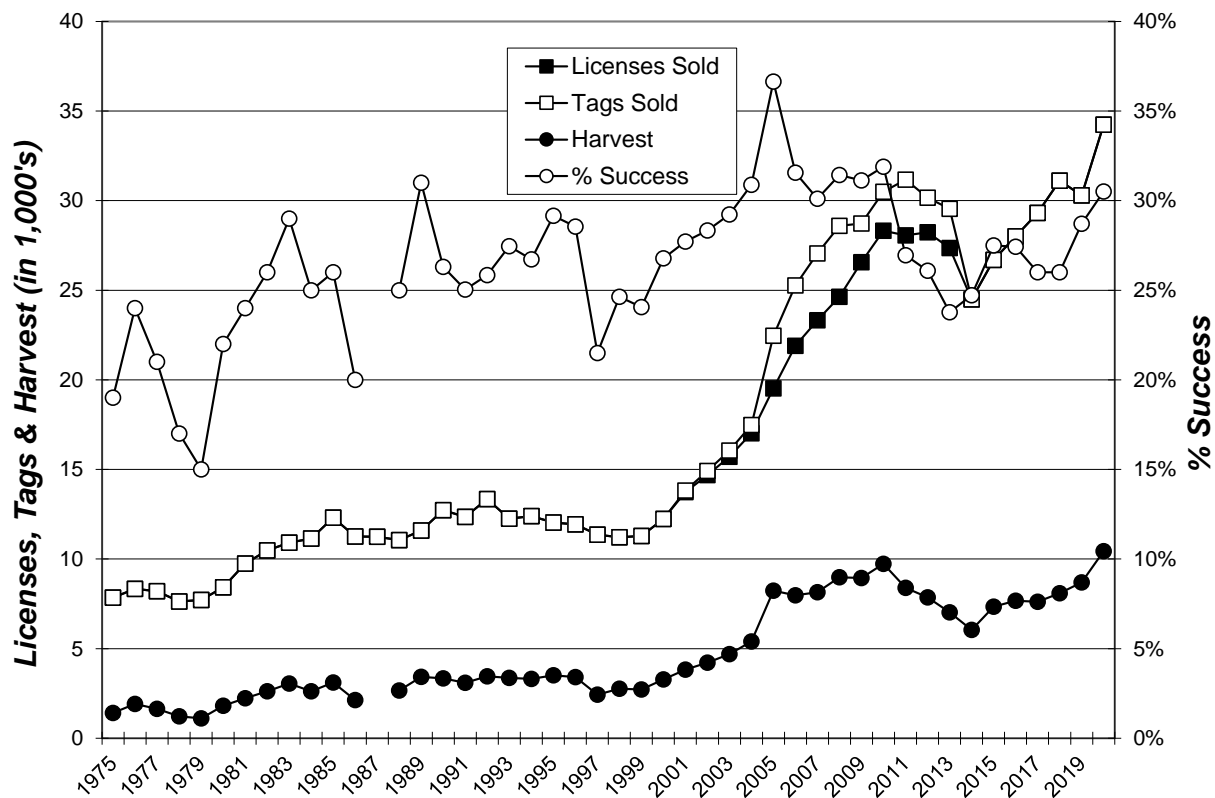
## 2020 Nonresident Archery Deer Harvest Dist by Management Unit

Last Revised:  
30-Apr-21

Last Revised: 30-Apr-21		Projected Harvest									
Unit	Whitetail				Mule Deer				Total		
	Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%	
01A (Minnehaha)	4	0	6	0	0	0	0	0	10	0.5%	
02A (NE Penn/SE Meade)	2	0	0	0	30	0	0	0	32	1.6%	
02C (SE Pennington)	6	0	0	0	22	2	0	0	30	1.5%	
03A (Brown)	60	0	12	0	0	0	0	0	72	3.6%	
04A (Beadle)	14	0	2	0	0	0	0	0	16	0.8%	
05A (Codington)	12	0	4	0	0	0	0	0	16	0.8%	
06A (Brookings)	10	0	2	0	0	0	0	0	12	0.6%	
07A (Yankton)	10	0	0	0	0	0	0	0	10	0.5%	
08A (Davison)	2	0	0	0	0	0	0	0	2	0.1%	
10A (Aurora)	14	0	6	2	0	0	0	0	22	1.1%	
11A (N Bennett)	4	0	2	0	4	0	0	0	10	0.5%	
11B (S Bennett)	6	0	0	0	2	0	0	0	8	0.4%	
12A (Bon Homme)	12	0	0	0	0	0	0	0	12	0.6%	
13A (Brule)	6	0	2	2	0	0	0	0	10	0.5%	
13L (Brule GPA Corps)	4	0	0	0	0	0	0	0	4	0.2%	
14A (Buffalo)	2	0	0	0	10	0	6	0	18	0.9%	
15A (Butte)	26	0	10	0	50	0	0	0	86	4.3%	
15B (SW Butte/Lawrence)	24	0	12	0	6	0	0	0	42	2.1%	
16A (Campbell)	6	0	2	0	0	0	0	0	8	0.4%	
17A (Charles Mix)	24	0	2	0	8	0	0	0	34	1.7%	
18A (Clark)	26	0	10	0	0	0	0	0	36	1.8%	
19A (Clay)	4	0	2	0	0	0	0	0	6	0.3%	
20A (Corson)	12	0	0	0	26	2	0	0	40	2.0%	
21A (E Custer/S Penn)	12	0	0	0	14	0	0	2	28	1.4%	
21B (C Custer/C Penn)	8	0	6	0	0	0	0	0	14	0.7%	
22A (Day)	36	0	4	2	0	0	0	0	42	2.1%	
23A (Deuel)	6	0	0	0	0	0	0	0	6	0.3%	
24A (Dewey)	4	0	0	0	8	0	0	0	12	0.6%	
24B (Little Moreau)	2	0	0	0	4	0	0	0	6	0.3%	
25A (Douglas)	0	0	0	0	0	0	0	0	0	0.0%	
26A (Edmunds)	16	0	6	0	0	0	0	0	22	1.1%	
27A (NW FRiver/SW Cust)	0	0	2	0	4	0	2	0	8	0.4%	
27B (Fall River)	6	0	0	0	10	0	0	0	16	0.8%	
27L (Hill Ranch Area)	6	0	2	0	2	0	0	0	10	0.5%	
28A (Faulk)	12	0	6	0	0	0	0	0	18	0.9%	
29A (Grant)	28	0	2	0	0	0	0	0	30	1.5%	
30A,B (Gregory)	54	2	20	0	4	0	0	0	80	4.0%	
31A (Haakon)	20	0	4	0	14	0	2	0	40	2.0%	
32A (Hamlin)	6	0	2	0	0	0	0	0	8	0.4%	
33A (Hand)	18	0	0	0	4	0	0	0	22	1.1%	
34A (Hanson)	4	0	0	0	0	0	0	0	4	0.2%	
35A (W Harding)	42	2	4	0	92	0	6	0	146	7.3%	
35C (E Harding)	10	0	4	0	22	0	4	0	40	2.0%	
35L (Custer Nat Forest)	14	0	0	0	24	0	0	0	38	1.9%	
36A (Hughes)	6	2	0	0	2	0	2	0	12	0.6%	
37A (Hutchinson)	6	0	0	0	0	0	0	0	6	0.3%	
38A (Hyde)	10	0	2	0	0	0	0	0	12	0.6%	
39A (N Jackson)	8	0	4	0	2	4	0	0	18	0.9%	
39B (S Jackson)	2	0	0	0	4	0	0	0	6	0.3%	
40A (Jerauld)	6	0	2	0	0	0	0	0	8	0.4%	
41A (Jones)	14	0	0	0	10	0	0	0	24	1.2%	
42A (Kingsbury)	12	0	0	0	0	0	0	0	12	0.6%	
43A (Lake)	8	0	0	0	0	0	0	0	8	0.4%	
44A (Lincoln)	10	0	0	0	0	0	0	0	10	0.5%	
45A (W Lyman)	14	0	0	0	2	0	0	0	16	0.8%	
45B (E Lyman)	8	4	8	0	4	0	2	0	26	1.3%	
45C (NE Lyman/SE Stanley)	2	0	0	0	2	0	0	0	4	0.2%	
45D (Ft Pr Nat Grslnd)	0	0	0	0	2	0	0	0	2	0.1%	
46A (McCook)	0	0	2	0	0	0	0	0	2	0.1%	
47A (McPherson)	16	0	6	0	0	0	2	0	24	1.2%	
48A (Marshall)	28	0	10	0	0	0	0	0	38	1.9%	
49A (W Meade)	22	0	14	0	4	0	0	0	40	2.0%	
49B (NE Meade)	10	0	6	2	12	0	0	0	30	1.5%	
50A,B (Melliette)	6	0	2	0	6	0	0	0	14	0.7%	
51A (Miner)	4	0	2	0	0	0	0	0	6	0.3%	
52A (Moody)	2	0	0	0	0	0	0	0	2	0.1%	
53A (N Perkins)	6	4	4	0	30	2	4	0	50	2.5%	
53C (S Perkins)	10	0	2	0	22	0	0	0	34	1.7%	
54A (Potter)	4	0	4	0	4	0	0	2	14	0.7%	
55A (Roberts)	34	8	4	0	0	0	0	0	46	2.3%	
56A (Sanborn)	8	2	8	0	0	0	0	0	18	0.9%	
57A (Spink)	36	2	0	2	0	0	0	0	40	2.0%	
58A (Stanley)	8	0	0	0	14	0	0	0	22	1.1%	
59A (W Sully)	12	0	2	0	10	0	6	0	30	1.5%	
59B (E Sully)	6	0	0	0	2	0	0	0	8	0.4%	
60A (Tripp)	20	0	10	0	4	0	0	0	34	1.7%	
61A (Turner)	2	0	0	0	0	0	0	0	2	0.1%	
62A (Union)	22	0	2	0	0	0	0	0	24	1.2%	
63A (Walworth)	28	0	2	0	6	0	2	0	38	1.9%	
64A (Ziebach)	0	0	0	0	4	0	0	0	4	0.2%	
65A (Oglala Lakota)	2	0	0	0	0	0	0	0	2	0.1%	
67A (Todd)	8	0	0	0	0	0	0	0	8	0.4%	
BH (Black Hills)	98	2	58	0	24	0	8	0	190	9.5%	
TOTALS	1,090	27	290	9	532	9	46	4	2,007		

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.  
Use these figures for approximations only!

## Archery Deer 1975-2020



## **APPRENTICE/YOUTH DEER**

There were 4,302 single-tag antlerless licenses issued for the 2020 Apprentice Deer (formerly Youth Deer) hunting season (3,794 resident, 508 nonresident). All license holders were surveyed and 2,176 responses (51%) were received. All hunters responded through the Internet.

The Apprentice season ran from September 12, 2020 through January 1, 2021. Respondents reported hunting an average of 3.71 days each, which projected to 15,961 recreation days for the season.

Projections for the season indicated that 249 whitetail buck fawns, 1,846 whitetail does, 26 mule deer buck fawns, and 372 mule deer does were harvested. The estimated total harvest for the Apprentice Deer season was 2,493, and the overall success rate was 58%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Codington, Brookings, and McCook, which accounted for 27% of the total apprentice season harvest.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.73.

### Comparison of the 2011 - 2020 Apprentice/Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	7,033	339	43	2,349	322	3,053	43%	5.58	5.02
2012	6,110	321	33	2,387	305	3,046	50%	4.87	5.32
2013	5,548	346	32	1,756	344	2,477	45%	4.64	5.23
2014	5,038	317	37	1,924	287	2,565	51%	4.61	5.47
2015	5,331	329	33	2,137	333	2,831	53%	4.54	5.59
2016	4,861	322	29	1,896	324	2,571	53%	4.15	5.65
2017	5,325	292	35	2,072	426	2,825	53%	4.17	5.65
2018	4,845	264	35	1,823	377	2,499	52%	3.85	5.72
2019	4,424	263	37	1,722	297	2,319	52%	3.93	5.70
2020	4,302	249	26	1,846	372	2,493	58%	3.71	5.73

### 2020 Apprentice Deer Harvest Projections

Last Revised: 9-Apr-21		License Holders	Licenses Available	Licenses Sold		Response Rate	Hunter Success	Tag Success	Harvest Projections						Average Satisfaction Score **	Avg Days Hunted	
Unit				Resident	Nonresident				Whitetail		Mule Deer		Total Harvest				
									Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide		4,302	Unlimited	3,794	508	51%	58%	58%	249	1,625	221	26	336	36	2,493	5.73	3.71

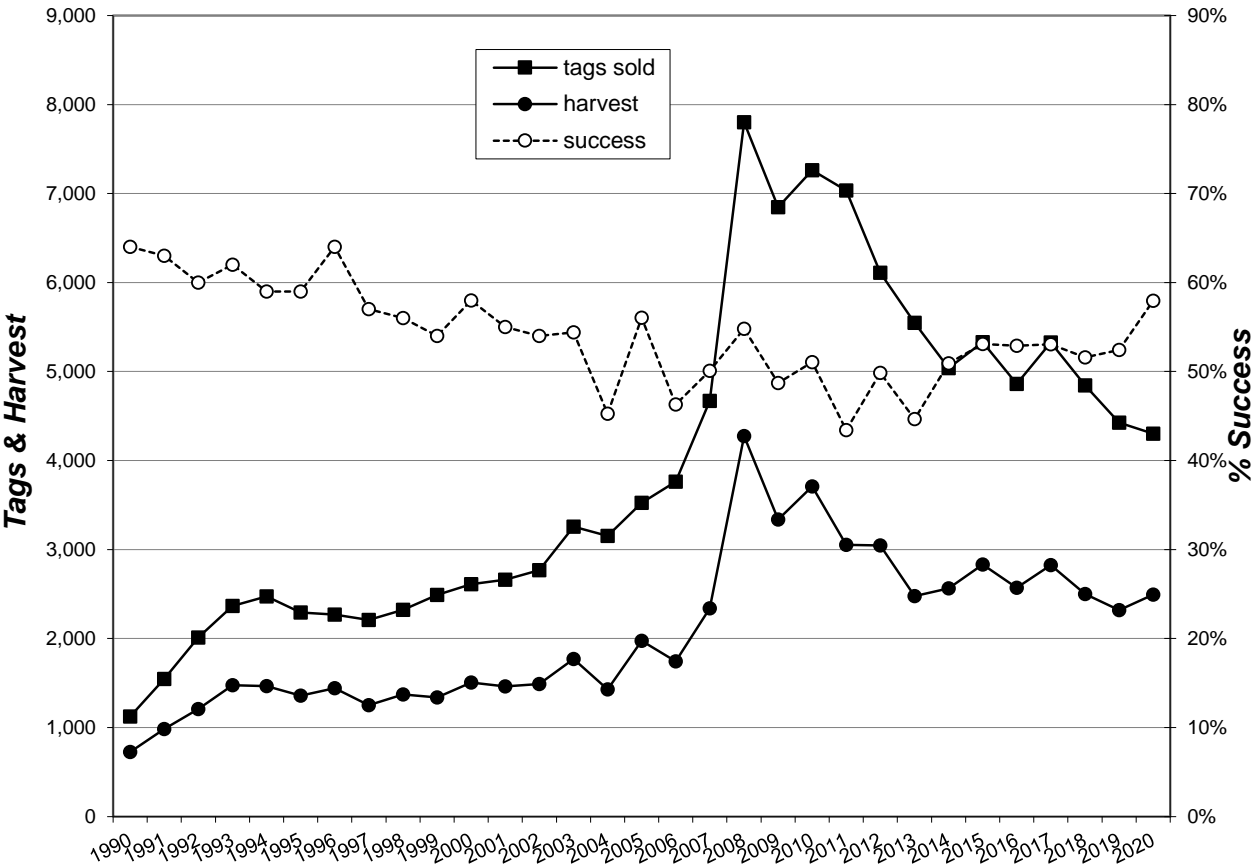
\*\* Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

\*\* Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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Corey Huxoll

2020 Apprentice Deer Harvest Distribution by Management Unit								
Last Revised: 03-May-21	Projected Harvest							
	Whitetail			Mule Deer			Total	
	Bucks	Does		Bucks	Does			
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
Unit								
01A (Minnehaha)	6	56	4	0	0	0	67	2.7%
02A (NE Penn/SE Meade)	0	4	0	0	13	0	18	0.7%
02C (SE Pennington)	0	15	0	0	13	2	31	1.2%
03A (Brown)	4	52	2	0	0	0	58	2.3%
04A (Beadle)	6	37	15	0	0	0	58	2.3%
05A (Codington)	6	54	13	0	0	0	73	2.9%
06A (Brookings)	12	52	2	0	0	0	66	2.7%
07A (Yankton)	4	37	2	0	0	0	43	1.7%
08A (Davison)	0	6	0	0	0	0	6	0.3%
10A (Aurora)	2	30	4	0	0	0	37	1.5%
11A (N Bennett)	0	6	0	0	2	0	9	0.3%
11B (S Bennett)	0	0	0	0	2	0	2	0.1%
12A (Bon Homme)	6	17	4	0	0	0	28	1.1%
13A (Brule)	0	11	2	0	2	0	15	0.6%
13L (Brule GPA's/Corps)	0	2	0	0	0	0	2	0.1%
14A (Buffalo)	0	2	0	0	2	0	4	0.2%
15A (Butte)	8	26	6	0	13	5	58	2.3%
15B (SW Butte/Lawrence)	2	11	4	0	2	0	19	0.8%
16A (Campbell)	0	6	2	0	7	0	15	0.6%
17A (Charles Mix)	4	9	4	0	2	0	19	0.8%
18A (Clark)	0	26	2	0	2	0	30	1.2%
19A (Clay)	4	19	0	0	0	0	24	0.9%
20A (Corson)	4	0	0	0	11	0	15	0.6%
21A (E Custer/S Penn)	0	11	0	0	13	0	24	1.0%
21B (C Custer/C Penn)	0	9	0	0	2	0	11	0.4%
22A (Day)	4	35	2	0	0	0	41	1.6%
23A (Deuel)	12	39	4	0	0	0	55	2.2%
24A (Dewey)	4	9	0	0	2	0	15	0.6%
24B (Little Moreau)	2	0	0	0	0	0	2	0.1%
25A (Douglas)	0	9	0	0	0	0	9	0.3%
26A (Edmunds)	0	19	2	0	0	0	22	0.9%
27A (NW FRiver/SW Cust)	0	0	0	2	7	0	9	0.4%
27B (Fall River)	2	11	0	2	11	2	29	1.1%
27L (Hill Ranch Area)	0	4	0	0	0	0	4	0.2%
28A (Faulk)	2	11	4	0	0	0	17	0.7%
29A (Grant)	12	43	4	0	0	0	60	2.4%
30A,B (Gregory)	0	39	10	0	2	2	54	2.2%
31A (Haakon)	0	9	0	0	20	2	31	1.2%
32A (Hamlin)	10	41	6	0	0	0	58	2.3%
33A (Hand)	4	17	4	0	0	0	26	1.0%
34A (Hanson)	2	4	0	0	0	0	6	0.3%
35A (W Harding)	2	11	4	0	18	2	37	1.5%
35C (E Harding)	2	4	0	0	11	2	20	0.8%
35L (Custer Nat Forest)	0	4	0	0	4	2	11	0.4%
36A (Hughes)	0	9	0	2	4	0	15	0.6%
37A (Hutchinson)	2	15	0	0	0	0	17	0.7%
38A (Hyde)	0	4	2	0	0	0	6	0.3%
39A (N Jackson)	0	0	0	0	2	0	2	0.1%
39B (S Jackson)	0	4	2	0	2	0	9	0.3%
40A (Jerauld)	0	2	2	0	0	0	4	0.2%
41A (Jones)	0	2	2	2	7	0	13	0.5%
42A (Kingsbury)	10	39	4	0	0	0	53	2.1%
43A (Lake)	4	28	4	0	0	0	36	1.5%
44A (Lincoln)	4	26	2	0	0	0	32	1.3%
45A (W Lyman)	0	9	4	0	0	0	13	0.5%
45B (E Lyman)	2	4	0	0	0	0	6	0.3%
45C (NE Lyman/SE Stanley)	0	0	0	2	0	0	2	0.1%
45D (Ft Pr Nat Grslnd)	0	0	0	0	4	0	4	0.2%
46A (McCook)	8	50	13	0	0	0	71	2.8%
47A (McPherson)	8	22	2	0	0	0	32	1.3%
48A (Marshall)	0	6	2	0	0	0	9	0.3%
49A (W Meade)	2	19	4	0	9	0	34	1.4%
49B (NE Meade)	2	11	0	0	11	0	24	1.0%
50A,B (Mellette)	4	13	8	0	4	0	30	1.2%
51A (Miner)	2	26	2	0	0	0	30	1.2%
52A (Moody)	8	28	2	0	0	0	38	1.5%
53A (N Perkins)	2	2	0	7	29	0	40	1.6%
53C (S Perkins)	0	13	0	0	11	7	31	1.2%
54A (Potter)	2	6	2	0	4	0	15	0.6%
55A (Roberts)	6	48	6	0	0	0	60	2.4%
56A (Sanborn)	0	15	0	0	0	0	15	0.6%
57A (Spink)	2	35	8	0	0	0	45	1.8%
58A (Stanley)	0	9	0	2	11	5	27	1.1%
59A (W Sully)	4	0	2	2	7	0	15	0.6%
59B (E Sully)	0	2	2	0	2	0	6	0.3%
60A (Tripp)	2	17	0	0	2	0	22	0.9%
61A (Turner)	12	17	0	0	2	0	32	1.3%
62A (Union)	2	30	4	0	0	0	37	1.5%
63A (Walworth)	4	6	0	2	4	0	17	0.7%
64A (Ziebach)	0	4	0	0	2	0	7	0.3%
65A (Oglala Lakota)	0	0	0	0	2	0	2	0.1%
67A (Todd)	0	4	0	0	2	0	7	0.3%
BH (Black Hills)	25	288	31	0	51	2	397	15.9%
<b>TOTALS</b>	<b>249</b>	<b>1,625</b>	<b>221</b>	<b>26</b>	<b>336</b>	<b>36</b>	<b>2,493</b>	
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units. Use these figures for approximations only!								

# Apprentice Deer 1990-2020





## **MENTORED YOUTH DEER**

There were 5,715 resident single-tag antlerless mentored youth deer licenses issued for 2020. All mentors/hunters were surveyed and 3,522 responses (55%) were received. All mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Apprentice Deer season which ran from September 12, 2020 through January 1, 2021. Respondents reported hunting an average of 3.77 days each, which projected to 24,079 recreation days for the season.

Projections for the season indicated that a total of 371 whitetail bucks, 2,772 whitetail does, 21 mule deer bucks, and 472 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 3,636, and the overall success rate was 57%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Brown, Butte, and Codington.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.77.

### Summary for the 2011-2020 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,335	143	14	872	171	1,200	51%	4.16	5.70
2012	2,497	207	28	1,015	182	1,431	57%	3.77	5.78
2013	2,939	179	14	1,028	154	1,375	47%	3.87	5.57
2014	3,096	214	29	1,187	167	1,595	52%	3.98	5.70
2015	3,646	261	25	1,556	243	2,086	57%	3.96	5.89
2016	3,646	287	30	1,495	301	2,114	58%	3.56	5.85
2017	4,069	230	31	1,567	320	2,147	53%	3.78	5.83
2018	5,357	324	51	2,335	439	2,824	53%	3.61	5.89
2019	5,715	348	45	2,123	417	2,932	51%	3.52	5.79
2020	6,387	371	21	2,772	472	3,636	57%	3.77	5.77

### 2020 Mentored Youth Deer Harvest Projections

Last Revised:		Harvest Projections														Average Satisfaction Score **	Avg Days Hunted
9-Apr-21		License Holders	Licenses Available	Licenses Sold		Response Rate	Hunter Success	Tag Success	Whitetail			Mule Deer			Total Harvest		
Unit				Resident	Nonresident				Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide	6,387	Unlimited	6,387	0		55%	57%	57%	371	2,386	386	21	417	55	3,636	5.77	3.77

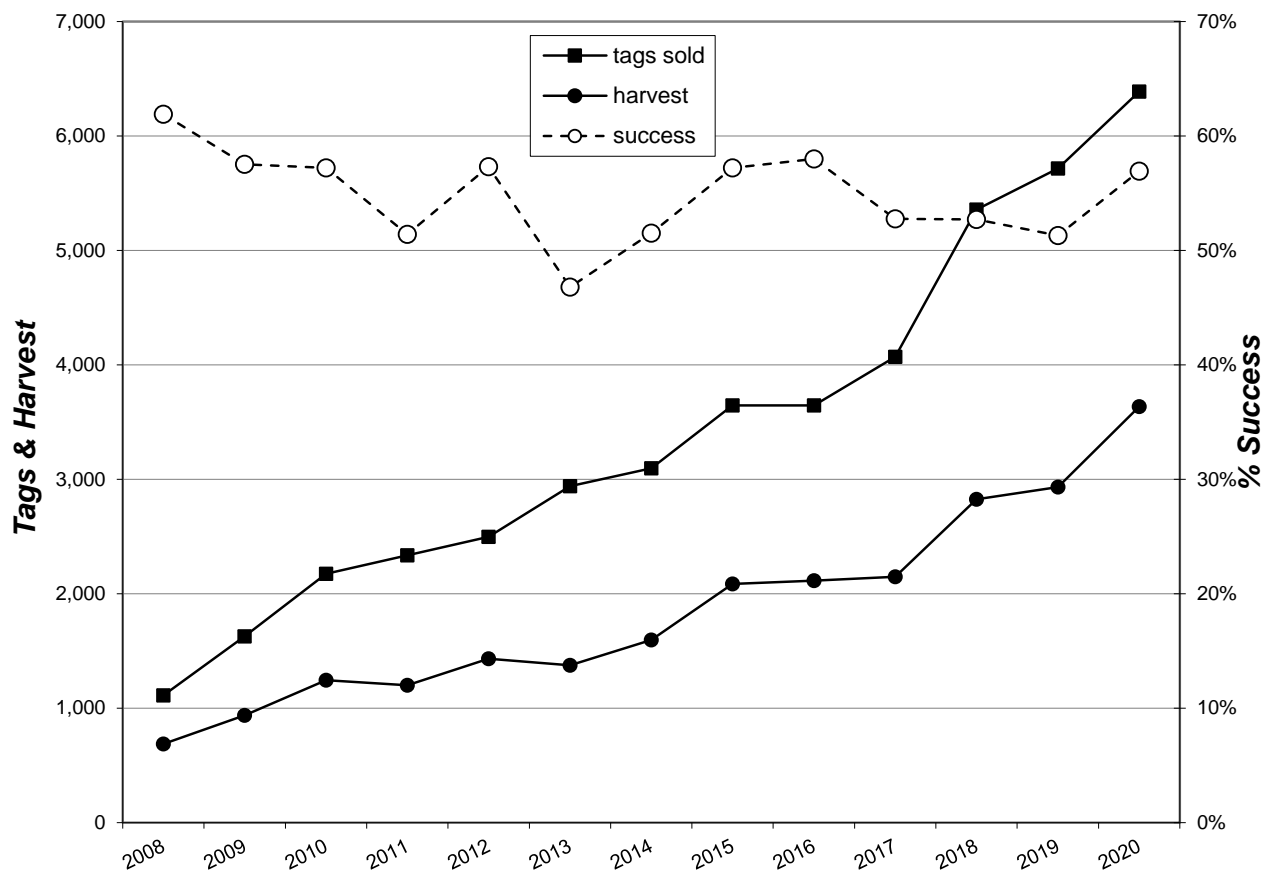
\*\* Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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2020 Mentored Youth Deer Harvest Distribution by Management Unit								
Last Revised: 03-May-21		Projected Harvest						
		Whitetail			Mule Deer			Total
		Bucks	Does	Fawn	Bucks	Does	Fawn	
Unit	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	12	75	10	0	2	0	98	2.7%
02A (NE Penn/SE Meade)	2	15	2	2	26	0	47	1.3%
02C (SE Pennington)	2	4	0	2	11	0	19	0.5%
03A (Brown)	17	69	10	0	0	0	96	2.6%
04A (Beadle)	10	38	4	0	0	0	52	1.4%
05A (Codington)	15	73	12	0	0	0	100	2.7%
06A (Brookings)	15	65	10	0	0	0	90	2.5%
07A (Yankton)	6	56	12	0	0	0	73	2.0%
08A (Davison)	8	25	12	0	0	0	44	1.2%
10A (Aurora)	2	46	12	0	0	0	60	1.6%
11A (N Bennett)	2	0	0	0	2	0	4	0.1%
11B (S Bennett)	0	2	0	0	6	0	7	0.2%
12A (Bon Homme)	8	36	0	0	0	0	44	1.2%
13A (Brule)	6	19	2	0	4	0	31	0.8%
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0.0%
14A (Buffalo)	2	4	0	0	4	0	9	0.3%
15A (Butte)	4	54	14	2	28	2	103	2.8%
15B (SW Butte/Lawrence)	2	44	4	0	6	0	55	1.5%
16A (Campbell)	4	8	2	2	19	2	36	1.0%
17A (Charles Mix)	14	36	6	0	4	0	59	1.6%
18A (Clark)	10	38	12	0	0	0	60	1.6%
19A (Clay)	0	31	8	0	0	0	38	1.1%
20A (Corson)	6	11	0	2	15	4	38	1.0%
21A (E Custer/S Penn)	4	29	2	0	15	0	49	1.4%
21B (C Custer/C Penn)	0	13	2	0	0	2	17	0.5%
22A (Day)	10	50	8	0	0	0	67	1.8%
23A (Deuel)	6	48	17	0	0	0	71	2.0%
24A (Dewey)	0	10	4	0	7	2	23	0.6%
24B (Little Moreau)	0	0	0	0	0	0	0	0.0%
25A (Douglas)	4	23	0	0	0	0	27	0.7%
26A (Edmunds)	4	29	4	0	0	0	36	1.0%
27A (NW FRiver/SW Cust)	0	10	0	0	6	0	15	0.4%
27B (Fall River)	2	10	4	0	11	2	28	0.8%
27L (Hill Ranch Area)	0	8	0	0	0	0	8	0.2%
28A (Faulk)	2	31	4	0	0	0	36	1.0%
29A (Grant)	4	52	8	0	0	0	63	1.7%
30A,B (Gregory)	4	61	17	0	2	0	84	2.3%
31A (Haakon)	2	29	8	0	33	8	79	2.2%
32A (Hamlin)	8	75	6	0	0	0	88	2.4%
33A (Hand)	0	27	6	0	2	0	34	0.9%
34A (Hanson)	8	34	8	0	0	0	50	1.4%
35A (W Harding)	2	4	4	0	13	2	25	0.7%
35C (E Harding)	0	11	2	0	13	4	30	0.8%
35L (Custer Nat Forest)	2	0	2	0	2	0	6	0.2%
36A (Hughes)	2	11	2	0	0	2	17	0.5%
37A (Hutchinson)	8	19	2	0	0	0	29	0.8%
38A (Hyde)	0	6	4	0	0	2	12	0.3%
39A (N Jackson)	4	2	0	2	7	0	15	0.4%
39B (S Jackson)	0	4	0	0	2	0	6	0.2%
40A (Jerauld)	0	10	6	0	4	0	19	0.5%
41A (Jones)	2	19	2	0	11	0	34	0.9%
42A (Kingsbury)	6	40	2	0	0	0	48	1.3%
43A (Lake)	6	48	6	0	0	0	60	1.6%
44A (Lincoln)	6	48	6	0	0	0	60	1.6%
45A (W Lyman)	2	25	0	0	15	2	44	1.2%
45B (E Lyman)	2	11	0	0	0	0	13	0.4%
45C (NE Lyman/SE Stanley)	0	2	0	2	0	0	4	0.1%
45D (Ft Pr Nat Grslind)	0	0	0	0	0	0	0	0.0%
46A (McCook)	14	59	2	0	0	2	77	2.1%
47A (McPherson)	2	25	0	0	2	0	29	0.8%
48A (Marshall)	2	17	2	0	0	0	21	0.6%
49A (W Meade)	10	36	0	0	13	2	61	1.7%
49B (NE Meade)	4	15	2	0	28	2	51	1.4%
50A,B (Mellette)	0	15	2	0	4	4	25	0.7%
51A (Miner)	2	38	6	0	2	0	48	1.3%
52A (Moody)	10	42	12	0	0	0	63	1.7%
53A (N Perkins)	0	8	0	0	24	6	38	1.0%
53C (S Perkins)	2	19	2	0	6	2	31	0.8%
54A (Potter)	2	13	0	0	6	0	21	0.6%
55A (Roberts)	12	42	6	0	0	0	60	1.6%
56A (Sanborn)	4	25	2	0	0	0	31	0.8%
57A (Spink)	4	34	8	0	0	0	46	1.3%
58A (Stanley)	0	19	4	0	13	2	38	1.0%
59A (W Sully)	2	10	2	0	7	2	23	0.6%
59B (E Sully)	2	21	2	0	2	0	27	0.7%
60A (Tripp)	4	31	2	0	2	0	38	1.1%
61A (Turner)	10	33	8	0	0	2	52	1.4%
62A (Union)	12	75	8	0	0	0	94	2.6%
63A (Walworth)	2	10	6	0	11	0	28	0.8%
64A (Ziebach)	0	4	2	0	11	0	17	0.5%
65A (Oglala Lakota)	0	4	0	0	2	0	6	0.2%
67A (Todd)	2	8	2	0	0	0	12	0.3%
BH (Black Hills)	31	236	48	6	17	0	338	9.3%
<b>TOTALS</b>	<b>371</b>	<b>2,386</b>	<b>386</b>	<b>21</b>	<b>417</b>	<b>55</b>	<b>3,636</b>	
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.								
Use these figures for approximations only!								

## Mentored Youth Deer 2008-2020



## **MUZZLELOADER DEER**

There were 2,703 “antlerless whitetail” licenses (2,546 resident, 157 nonresident) and 1,004 “any deer” licenses issued for the 2020 Muzzleloader Deer season, which represented a total of 3,707 tags. All license holders were surveyed and 2,373 responded for a response rate of 66%.

The 2020 Muzzleloader season was open from December 1, 2020 through January 1, 2021. There were 4,893 applicants for the 1,000 “any deer” licenses. Respondents averaged 4.36 days of hunting for a projected total of 15,574 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,341 deer (272 whitetail bucks, 882 whitetail does, 170 mule deer bucks, and 17 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.14 (1 = very dissatisfied, 7 = very satisfied).

The five deer management units with the highest reported harvest were the Black Hills, Roberts, Brookings, Lake, and Minnehaha accounting for approximately 38% of the total season harvest.

### Summary comparison of the 2012-2020 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest						Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total	Success		
	Res	Nonres	WT	Mule	WT	Mule				
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03
2017	3,304	128	263	117	865	4	1,251	36%	4.39	5.10
2018	3,263	120	275	110	808	14	1,208	36%	4.44	5.01
2019	3,200	140	295	112	795	17	1,219	36%	4.95	5.10
2020	3,550	157	272	170	882	17	1,341	36%	4.36	5.14

### 2020 Muzzleloader Deer Harvest Projections

Last Revised: 12-May-21									Harvest Projections										Total Deer Harvest	Avg Days Hunted	Avg Satisf
									Whitetail				Mule Deer								
									Bucks		Does		Bucks		Does						
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
Unit-Type	License Holders	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisf		
ST1-01	1,004	1,000	1,004	0	1,004	72%	42%	42%	178	11	37	4	167	3	17	0	417	-	-		
LM1-13	2,703	Unlimited	2,546	157	2,703	65%	34%	34%	0	83	763	77	0	0	0	0	924	-	-		
Totals	3,572		3,550	157	3,707	66.4%	36.5%	36.2%	178	94	801	81	167	3	17	0	1,341	4.36	5.14		

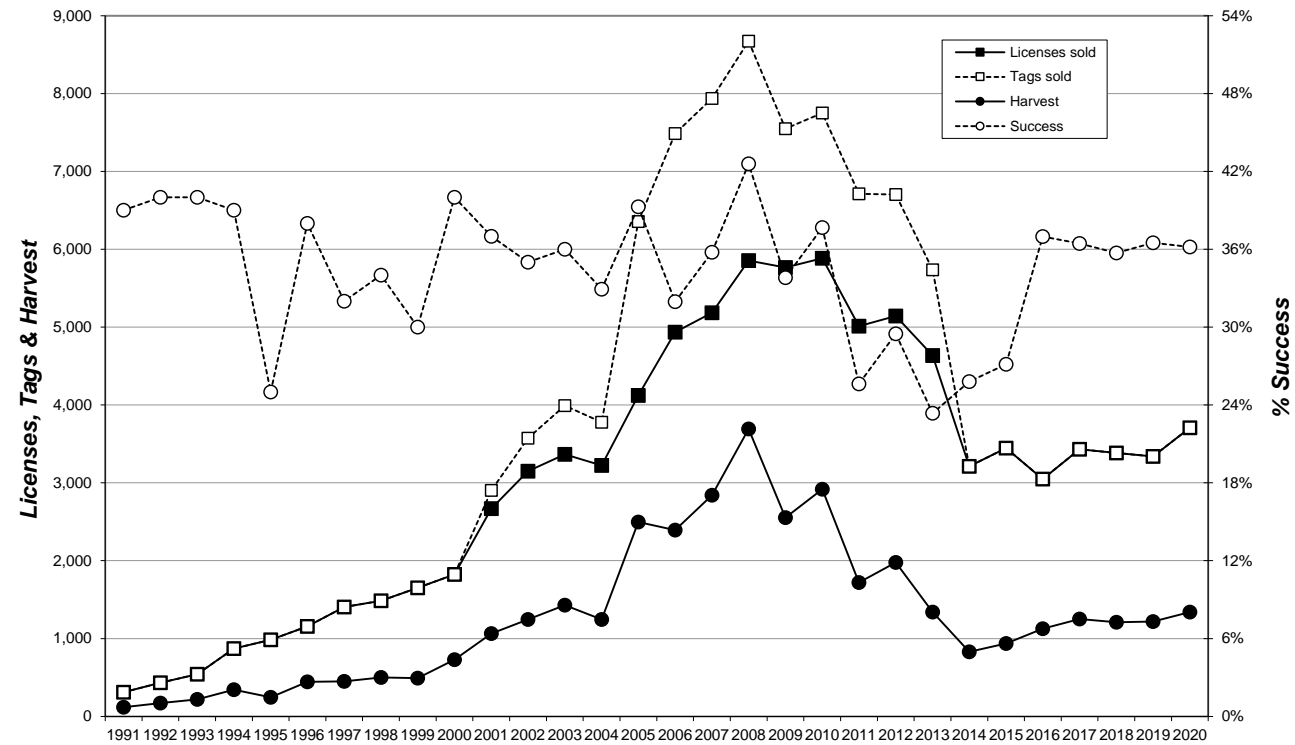
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*Corey Huxoll*

## 2020 Muzzleloader Deer Harvest Distribution by Management Unit

County	Projected Harvest									
	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does		Estimate	%
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	4	3	33	4	0	0	0	0	44	3.3%
02A (NE Penn/SE Meade)	1	0	2	0	8	0	0	0	12	0.9%
02C (SE Pennington)	4	0	5	0	7	0	0	0	16	1.2%
03A (Brown)	3	3	16	2	0	0	0	0	24	1.8%
04A (Beadle)	1	3	16	2	0	0	0	0	23	1.7%
05A (Codington)	6	3	23	2	0	0	0	0	34	2.5%
06A (Brookings)	7	3	65	9	0	0	0	0	85	6.3%
07A (Yankton)	0	0	10	0	0	0	0	0	10	0.7%
08A (Davison)	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	0	2	5	0	0	0	0	0	7	0.5%
11A (N Bennett)	1	0	0	0	0	0	0	0	1	0.1%
11B (S Bennett)	0	0	3	0	0	0	0	0	3	0.2%
12A (Bon Homme)	1	0	3	2	0	0	0	0	7	0.5%
13A (Brule)	3	2	3	0	0	0	0	0	8	0.6%
13L (Brule GPA's/Corps)	0	0	2	0	0	0	0	0	2	0.1%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte)	1	0	7	0	3	1	1	0	14	1.0%
15B (SW Butte/Lawrence)	4	2	0	0	1	0	0	0	8	0.6%
16A (Campbell)	0	0	2	2	4	0	0	0	8	0.6%
17A (Charles Mix)	3	2	7	2	1	0	0	0	14	1.1%
18A (Clark)	6	2	7	0	0	0	0	0	14	1.1%
19A (Clay)	4	2	15	0	0	0	0	0	21	1.5%
20A (Corson)	0	0	0	0	1	0	1	0	3	0.2%
21A (E Custer/S Penn)	1	0	8	2	3	0	1	0	16	1.2%
21B (C Custer/C Penn)	1	2	3	0	1	0	0	0	8	0.6%
22A (Day)	7	0	7	0	0	0	0	0	14	1.0%
23A (Deuel)	1	3	15	0	0	0	0	0	19	1.4%
24A (Dewey)	0	0	2	0	4	0	0	0	6	0.4%
24B (Little Moreau)	1	2	2	0	0	0	0	0	5	0.4%
25A (Douglas)	1	0	2	0	0	0	0	0	3	0.2%
26A (Edmunds)	1	0	8	0	0	0	0	0	10	0.7%
27A (NW FRiver/SW Cust)	1	0	0	0	1	0	0	0	3	0.2%
27B (Fall River)	1	0	5	2	1	0	0	0	10	0.7%
27L (Hill Ranch Area)	0	0	0	2	0	0	0	0	2	0.1%
28A (Faulk)	1	0	0	0	0	0	0	0	1	0.1%
29A (Grant)	6	0	0	2	0	0	0	0	8	0.6%
30A,B (Gregory)	4	2	7	0	0	0	0	0	13	0.9%
31A (Haakon)	1	0	5	2	11	0	0	0	19	1.4%
32A (Hamlin)	0	2	21	0	0	0	0	0	23	1.7%
33A (Hand)	1	0	2	0	1	0	0	0	5	0.3%
34A (Hanson)	1	0	0	0	0	0	0	0	1	0.1%
35A (W Harding)	0	2	8	0	14	1	0	0	25	1.9%
35C (E Harding)	1	2	2	4	10	0	1	0	20	1.5%
35L (Custer Nat Forest)	3	0	0	0	22	0	1	0	27	2.0%
36A (Hughes)	0	3	3	0	1	0	0	0	8	0.6%
37A (Hutchinson)	4	0	0	0	0	0	0	0	4	0.3%
38A (Hyde)	0	0	0	0	0	0	0	0	0	0.0%
39A (N Jackson)	3	0	0	0	3	0	0	0	6	0.4%
39B (S Jackson)	0	0	8	0	1	0	0	0	10	0.7%
40A (Jerauld)	0	0	5	0	0	0	0	0	5	0.4%
41A (Jones)	0	0	0	0	1	0	0	0	1	0.1%
42A (Kingsbury)	6	5	13	0	0	0	0	0	24	1.8%
43A (Lake)	3	3	23	9	0	0	0	0	38	2.8%
44A (Lincoln)	1	3	13	2	0	0	0	0	20	1.5%
45A (W Lyman)	1	0	10	0	3	0	0	0	14	1.0%
45B (E Lyman)	3	0	3	0	0	0	0	0	6	0.5%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	0	0	0	0	8	0	1	0	10	0.7%
46A (McCook)	3	3	13	5	0	0	0	0	25	1.8%
47A (McPherson)	0	2	5	2	0	0	0	0	8	0.6%
48A (Marshall)	1	0	7	0	0	0	0	0	8	0.6%
49A (W Meade)	4	0	8	0	0	0	0	0	13	0.9%
49B (NE Meade)	4	2	3	0	4	0	0	0	14	1.0%
50A,B (Mellette)	1	0	0	0	0	0	0	0	1	0.1%
51A (Miner)	1	2	11	2	0	0	0	0	16	1.2%
52A (Moody)	3	0	16	0	0	0	0	0	19	1.4%
53A (N Perkins)	1	2	8	0	4	0	0	0	15	1.2%
53C (S Perkins)	1	0	7	0	6	0	1	0	15	1.1%
54A (Potter)	1	0	2	0	1	0	3	0	7	0.5%
55A (Roberts)	3	5	29	2	0	0	0	0	39	2.9%
56A (Sanborn)	1	0	7	0	0	0	0	0	8	0.6%
57A (Spink)	0	0	20	2	0	0	0	0	21	1.6%
58A (Stanley)	3	0	0	0	14	0	0	0	17	1.3%
59A (W Sully)	0	0	0	0	6	0	0	0	6	0.4%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	4	0	13	0	0	0	0	0	17	1.3%
61A (Turner)	4	0	0	2	0	0	0	0	6	0.5%
62A (Union)	4	5	15	7	1	0	0	0	33	2.4%
63A (Walworth)	0	0	5	0	1	0	0	0	6	0.5%
64A (Ziebach)	0	0	0	0	3	0	0	0	3	0.2%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	18	20	239	14	11	0	4	0	306	22.9%
<b>TOTALS</b>	<b>178</b>	<b>94</b>	<b>801</b>	<b>81</b>	<b>167</b>	<b>3</b>	<b>17</b>	<b>0</b>	<b>1,341</b>	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.  
 Use these figures for approximations only!

Muzzleloader Deer 1991-2020



## **LANDOWNER FREE ANTLERLESS DEER**

There were 393 free single-tag antlerless white-tailed deer licenses issued to qualifying resident landowners for the 2020 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Apprentice Deer hunting seasons. All license holders were surveyed and 106 responses (33%) were received.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 12, 2020 through January 1, 2021. Respondents reported hunting an average of 3.74 days each, which projected to 1,201 recreation days.

Projections for the season estimated that a total of 9 whitetail bucks and 212 whitetail does were harvested. The total harvest for the Free Antlerless Landowner licenses was 221, and the overall success rate was 56%.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 4.92.

### Summary of the 2011-2020 Free Landowner Antlerless Deer license statistics

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,005	91	9	709	104	913	46%	3.80	4.78
2012	1,271	30	0	479	37	546	43%	3.02	4.92
2013	1,390	35	3	359	32	430	31%	3.50	4.72
2014	Closed								
2015	Closed								
2016	628	36	0	264	3	303	48%	3.54	5.15
2017	349	9	0	159	6	173	49%	3.59	5.10
2018	377	14	2	153	5	173	46%	2.99	5.27
2019	313	4	0	126	0	130	41%	2.68	4.79
2020	393	9	0	212	0	221	56%	3.74	4.92

### 2020 Free Antlerless Landowner Own Land Harvest Projections

Last Revised:

09-Apr-21

Last Revised: 09-Apr-21					Harvest Projections														
Unit	Resident Licenses		Nonresident Licenses		Hunters	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold	Avail.	Sold					Bucks		Does		Bucks		Does				
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
Statewide	Unltd	387	Unltd	6	321	33%	55%	56%	0	9	194	18	0	0	0	0	221	4.92	3.74

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## 2020 Statewide Free Antlerless LOL Harvest Distribution

County	Projected Harvest				
	Whitetail			Total	
	Bucks	Does	Fawn	Estimate	%
	Fawn	Adult	Fawn		
01A (Minnehaha)	0	3	0	3	1.5%
02A (NE Penn/SE Meade)	0	3	0	3	1.5%
02C (SE Pennington)	0	3	0	3	1.5%
03A (Brown)	0	0	0	0	0.0%
04A (Beadle)	0	0	0	0	0.0%
05A (Codington)	0	0	0	0	0.0%
06A (Brookings)	0	0	0	0	0.0%
07A (Yankton)	0	0	0	0	0.0%
08A (Davison)	0	0	0	0	0.0%
10A (Aurora)	0	0	0	0	0.0%
11A (N Bennett)	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0.0%
12A (Bon Homme)	0	0	0	0	0.0%
13A (Brule)	0	0	0	0	0.0%
14A (Buffalo)	0	0	0	0	0.0%
15A (Butte)	0	42	11	53	23.9%
15B (SW Butte/Lawrence)	0	36	4	39	17.7%
16A (Campbell)	0	0	0	0	0.0%
17A (Charles Mix)	0	0	0	0	0.0%
18A (Clark)	0	0	0	0	0.0%
19A (Clay)	0	0	0	0	0.0%
20A (Corson)	0	0	0	0	0.0%
21A (E Custer/S Penn)	0	0	0	0	0.0%
21B (C Custer/C Penn)	0	0	0	0	0.0%
22A (Day)	0	0	0	0	0.0%
23A (Deuel)	0	0	0	0	0.0%
24A (Dewey)	0	6	0	6	2.9%
25A (Douglas)	0	0	0	0	0.0%
26A (Edmunds)	0	0	0	0	0.0%
27A (NW FRiver/SW Cust)	0	0	0	0	0.0%
27B (Fall River)	0	0	0	0	0.0%
28A (Faulk)	0	0	0	0	0.0%
29A (Grant)	0	0	0	0	0.0%
30A,B (Gregory)	0	0	0	0	0.0%
31A (Haakon)	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0.0%
33A (Hand)	0	6	0	6	2.9%
34A (Hanson)	0	0	0	0	0.0%
35A (W Harding)	0	10	0	10	4.4%
35C (E Harding)	5	6	0	11	5.0%
36A (Hughes)	0	0	0	0	0.0%
37A (Hutchinson)	0	0	0	0	0.0%
38A (Hyde)	0	3	0	3	1.5%
39A (N Jackson)	0	0	0	0	0.0%
39B (S Jackson)	0	0	0	0	0.0%
40A (Jerauld)	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0.0%
42A (Kingsbury)	0	0	0	0	0.0%
43A (Lake)	0	0	0	0	0.0%
44A (Lincoln)	0	0	0	0	0.0%
45A (W Lyman)	0	23	0	23	10.2%
45B (E Lyman)	0	6	0	6	2.9%
45C (NE Lyman/SE Stanley)	0	3	0	3	1.5%
45D (Ft Pr Nat GrsInd)	0	0	0	0	0.0%
46A (McCook)	0	0	0	0	0.0%
47A (McPherson)	0	0	0	0	0.0%
48A (Marshall)	0	0	0	0	0.0%
49A (W Meade)	0	13	0	13	5.8%
49B (NE Meade)	0	13	0	13	5.8%
50A,B (Mellelte)	0	0	0	0	0.0%
51A (Miner)	0	0	0	0	0.0%
52A (Moody)	0	0	0	0	0.0%
53A (N Perkins)	0	3	0	3	1.5%
53C (S Perkins)	5	3	4	11	5.2%
54A (Potter)	0	0	0	0	0.0%
55A (Roberts)	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0.0%
57A (Spink)	0	3	0	3	1.5%
58A (Stanley)	0	0	0	0	0.0%
59A (W Sully)	0	0	0	0	0.0%
59B (E Sully)	0	0	0	0	0.0%
60A (Tripp)	0	0	0	0	0.0%
61A (Turner)	0	0	0	0	0.0%
62A (Union)	0	0	0	0	0.0%
63A (Walworth)	0	0	0	0	0.0%
64A (Ziebach)	0	6	0	6	2.9%
65A (Shannon)	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0.0%
<b>TOTALS</b>	<b>9</b>	<b>194</b>	<b>18</b>	<b>221</b>	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.  
Use these figures for approximations only!



## **WEST RIVER FIREARM DEER**

There were 24,142 licenses issued for the 2020 West River Firearm Deer season (19,382 regular, 1,955 Special Buck, and 2,805 Landowner Own Land Only) for a total of 32,347 tags.

The West River season was open 16 days from November 14-29 in most units. Unit 30A in Gregory County was open from Nov. 7-10 and Nov. 23-29. The season was also open from December 12-20 for all unfilled antlerless deer tags.

All hunters were surveyed for the regular West River season, the West River Special Buck season, and Landowner Own Land Only licenses. All hunters that listed an email address were surveyed using Survey123 Software. All hunters who did not respond or did not supply an email address were mailed post card requests to respond through the GFP website. Final response rates were 56% for regular West River Deer, 41% for Landowner Own Land, and 68% for Special Buck.

Respondents reported hunting an average of 3.34 days in the regular West River season, 4.14 days for Landowner, and 3.69 days in the Special Buck. These averages project to a total of 81,396 recreation days for all West River firearm deer seasons.

The West River projected deer harvest was 14,602 for the regular season, 2,203 for Landowner Own Land, and 1,450 for the Special Buck licenses. Success rates were 56% for the regular season, 49% for landowner, and 74% for Special Buck.

The mean satisfaction score for those responding to the regular West River season was 5.30 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2011-2020 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest					Tag Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does		Total			
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2011	25,917	57,091	3,978	8,645	11,139	4,456	12,301	3,901	31,797	48%	3.64	5.00
2012	22,511	44,080	3,143	6,173	8,606	3,650	8,946	2,391	23,594	47%	3.63	4.96
2013	22,422	44,118	3,216	6,257	7,749	3,358	5,785	1,678	18,570	37%	3.56	4.46
2014	20,736	23,533	2,035	2,216	7,646	3,246	2,415	334	13,642	53%	3.25	4.88
2015	20,417	23,405	2,394	2,547	9,091	3,673	2,521	246	15,528	60%	3.12	5.27
2016	21,974	28,565	2,510	3,086	8,789	3,885	3,805	354	16,384	53%	3.33	5.13
2017	21,310	26,057	2,322	2,679	7,977	4,384	3,224	399	15,984	56%	3.28	5.05
2018	21,389	26,184	2,337	2,691	7,731	4,200	3,270	427	15,628	54%	3.38	5.10
2019	20,864	28,342	2,028	2,592	7,717	3,800	3,732	423	15,672	51%	3.09	5.18
2020	21,733	29,434	2,380	2,872	9,147	4,033	4,621	454	18,255	56%	3.46	5.30

### **2020 West River Deer Antlerless Harvest by Date**

	Total	Nov 7-29	Dec 12-20
Reports	2,722	2,386	336
Percent of total		88%	12%
Projected	4,728	4,145	584

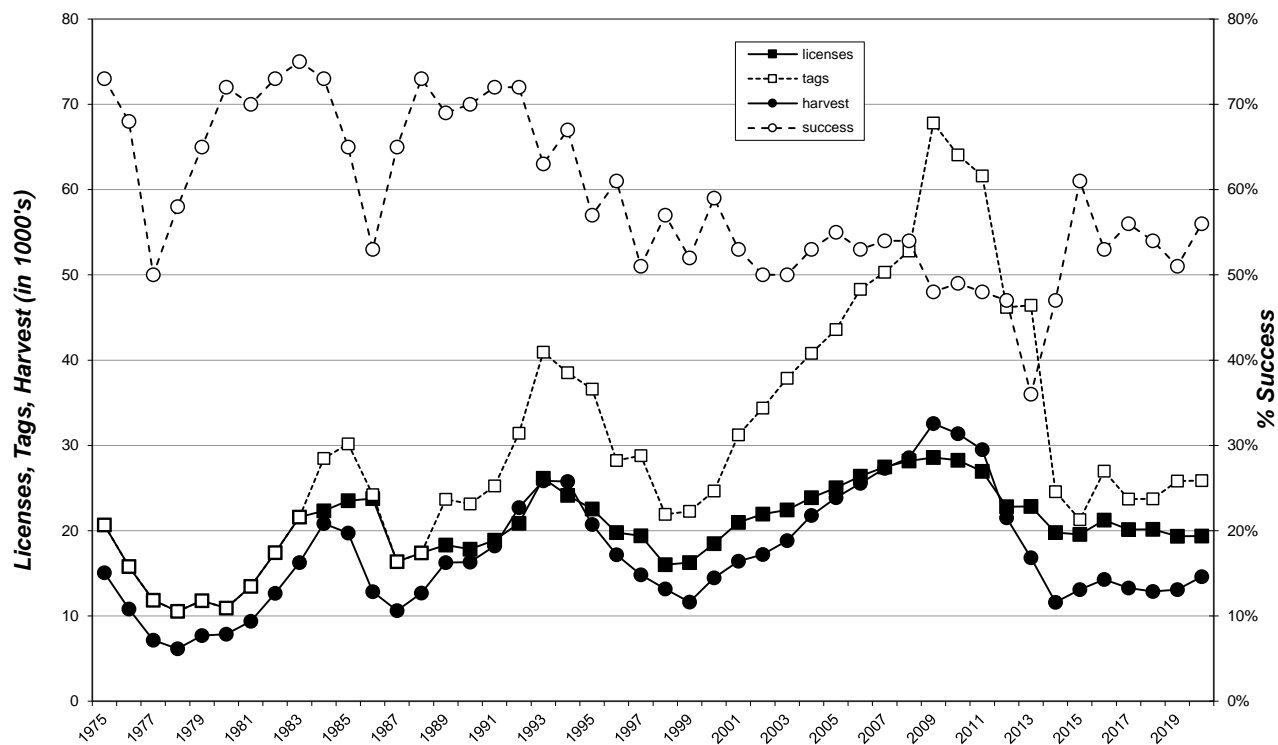
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## 2020 West River Deer Harvest Projections

Last Revised: 30-Mar-21		Licenses										Harvest Projections														Total Deer	CI (95%)
		Resident				Nonresident				Whitetail				Mule Deer													
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Tags sold	Response Rate	Success 1st tag	2nd tag	3rd tag	Hunter Success	Bucks Adult	Fawn	Does Adult	Fawn	Bucks Adult	Fawn	Does Adult	Fawn						
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	sold	Rate	1st tag	2nd tag	3rd tag	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest						
02A-01	587	400	401	133	32	30	431	62%	68%				68%	63	0	5	0	217	0	6	2	294	+/-17				
02A-18	41	200	203	8	16	16	438	51%	62%			27%	62%	110	6	75	4	0	0	0	0	195	+/-31				
02C-01	336	100	102	78	8	8	110	68%	73%				73%	18	0	0	0	62	0	1	0	81	+/-7				
02C-11	20	50	51	6	4	3	54	53%	63%				64%	34	0	2	0	0	0	0	0	36	+/-7				
11A-01	172	150	151	21	12	10	161	61%	68%				68%	60	0	8	0	37	0	3	0	109	+/-10				
11A-11	4	50	49	3	4	5	54	56%	70%				70%	38	0	0	0	0	0	0	0	38	+/-6				
11A-13	1	50	50	0	4	4	54	47%	33%				33%	0	0	15	2	0	0	0	0	17	+/-8				
11B-01	148	100	100	18	8	8	108	59%	64%				64%	44	0	3	0	22	0	0	0	69	+/-9				
11B-11	25	50	50	6	4	4	54	53%	64%				64%	32	0	2	0	0	0	0	0	34	+/-7				
11B-13	4	50	46	1	4	7	53	70%	45%				54%	0	3	27	3	0	0	0	0	33	+/-6				
15A-01	768	225	229	136	18	18	247	60%	75%				75%	37	0	5	3	138	0	3	0	186	+/-12				
15A-18	517	650	652	74	52	49	1,402	54%	73%			43%	73%	422	24	313	63	0	0	0	0	822	+/-54				
15B-01	253	150	149	32	12	13	162	46%	68%				69%	69	2	6	0	35	0	0	0	112	+/-14				
15B-17	50	150	156	8	12	7	489	51%	66%			35%	66%	0	33	191	29	0	0	0	0	254	+/-43				
15B-18	396	500	503	47	40	35	1,076	52%	81%			44%	81%	384	33	242	13	0	0	0	0	671	+/-47				
15P-17	30	250	246	17	20	24	810	48%	69%			39%	68%	0	56	351	37	0	0	0	0	444	+/-60				
20A-01	420	150	149	89	12	11	160	61%	75%				75%	38	0	3	0	79	0	2	0	121	+/-9				
20A-11	151	300	303	60	24	23	326	54%	63%				63%	184	0	20	0	0	0	0	0	204	+/-17				
21A-01	564	125	131	71	10	8	139	59%	68%				68%	30	0	2	0	62	0	2	0	96	+/-10				
21A-11	227	200	202	20	16	14	216	59%	79%				79%	160	2	8	0	0	0	0	0	170	+/-12				
21B-01	150	100	101	19	8	7	108	59%	63%				63%	46	2	2	0	14	0	5	0	68	+/-9				
21B-11	36	50	50	4	4	4	54	70%	64%				65%	36	0	0	0	0	0	0	0	36	+/-6				
21B-13	6	50	50	2	4	3	53	51%	40%				38%	0	0	20	0	0	0	0	0	20	+/-7				
24A-01	285	100	100	35	8	8	108	65%	65%				66%	17	0	0	0	54	0	2	0	72	+/-8				
24A-11	89	250	246	43	20	18	264	52%	61%				61%	137	0	25	0	0	0	0	0	162	+/-17				
24A-13	0	100	92	6	8	12	104	56%	56%				53%	0	9	37	2	0	0	0	0	48	+/-11				
24B-11	62	10	10	9	1	1	11	55%	100%				100%	11	0	0	0	0	0	0	0	11	+/-0				
24B-13	2	10	10	0	1	1	11	40%	75%				75%	0	0	8	0	0	0	0	0	8	+/-4				
27A-01	355	125	127	55	10	9	136	59%	68%				68%	40	0	0	2	49	0	3	0	94	+/-10				
27B-01	545	200	201	89	16	16	217	63%	65%				65%	41	0	5	0	89	0	6	0	141	+/-13				
27B-11	87	200	202	21	16	14	216	56%	66%				66%	122	2	18	0	0	0	0	0	142	+/-13				
27B-13	5	100	100	0	8	8	108	55%	49%				49%	0	2	49	2	0	0	0	0	53	+/-10				
27L-01	41	5	5	15	1	1	6	67%	50%				50%	2	0	2	0	0	0	0	0	3	+/-3				
27L-11	20	10	10	10	1	1	11	82%	56%				56%	5	1	0	0	0	0	0	0	6	+/-2				
27P-13	0	50	48	0	4	5	53	60%	45%				52%	0	2	27	2	0	0	0	0	30	+/-7				
30A-01	193	25	27	14	2	1	28	57%	63%				63%	16	0	0	0	2	0	0	0	18	+/-5				
30A-11	518	500	501	67	40	40	541	56%	38%				38%	171	5	25	4	0	0	0	0	205	+/-23				
30A-18	135	100	100	8	8	8	216	57%	62%			33%	61%	51	2	40	7	0	0	0	0	100	+/-19				
30B-01	123	25	28	17	2	2	30	50%	40%				40%	12	0	0	0	0	0	0	0	12	+/-6				
30B-11	474	500	502	89	40	39	541	56%	48%				48%	206	7	43	2	0	0	0	0	258	+/-23				
30B-18	171	100	101	14	8	8	218	54%	78%			50%	78%	52	13	69	4	0	0	0	0	138	+/-20				
31A-01	877	600	608	102	48	46	654	60%	69%				69%	134	0	5	2	295	0	17	0	452	+/-21				
31A-11	10	100	99	8	8	8	107	68%	53%				53%	53	1	1	1	0	0	0	0	57	+/-8				
31A-13	1	100	101	3	8	7	108	66%	40%				41%	0	6	36	3	0	0	0	0	45	+/-8				
35A-01	705	300	298	193	24	26	324	58%	68%				69%	51	0	5	0	156	2	12	0	226	+/-15				
35A-18	64	300	301	31	24	24	650	58%	65%			39%	65%	150	29	136	26	0	0	0	0	341	+/-36				
35A-19	5	100	99	3	8	8	214	53%	55%			25%	55%	0	9	64	17	0	0	0	0	91	+/-22				
35C-01	434	150	147	96	12	15	162	61%	79%				79%	15	0	0	0	109	0	3	0	127	+/-9				
35C-18	96	300	299	35	24	24	646	55%	64%			26%	64%	173	16	77	24	0	0	0	0	290	+/-36				
35C-19	1	100	100	2	8	8	216	58%	39%			23%	40%	0	7	45	21	0	0	0	0	73	+/-19				
35L-01	720	100	105	223	8	8	113	70%	78%				78%	10	0	0	0	74	1	3	0	89	+/-7				
39A-01	347	150	150	43	12	11	161	61%	75%				75%	23	0	2	0	94	0	2	0	120	+/-11				
39A-11	41	100	101	7	8	8	109	65%	59%				59%	60	2	3	0	0	0	0	0	64	+/-9				
39B-01	265	275	277	43	22	19	296	60%	69%				69%	93	0	3	0	101	0	7	0	205	+/-15				
39B-11	4	50	51	2	4	4	55	50%	76%				73%	36	2	0	0	0	0	0	0	38	+/-8				
39B-13	0	50	44	1	4	10	54	52%	47%				52%	0	2	27	2	0	0	0	0	31	+/-10				
41A-01	309	150	151	47	12	11	162	57%	69%				69%	49	0	5	2	52	2	3	0	114	+/-13				
41A-11	10	300	301	32	24	22	323	55%	63%				64%	179	5	18	0	0	0	0	0	203	+/-17				
45A-01	327	100	101	38	8	8	109	59%	53%				53%	27	0	0	0	31	0	0	0	58	+/-10				
45A-11	79	450	446	35	36	36	482	56%	49%				49%	202	5	30	2	0	0	0	0	239	+/-21				
45A-18	74	100	100	7	8	6	212	55%	81%			45%	81%	64	4	64	2	0	0	0	0	133	+/-19				
45B-01	159	50	51	29	4	4	55	58%	56%				56%	22	0	0	0	7	0	0	0	31	+/-7				
45B-18	216	100	101</																								

## West River Deer Regular Season 1975-2020

(does not include Special Buck or Landowner Own Land)



**South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections**  
*Corey Huxoll*

## 2020 West River Landowner Own Land Harvest Projections

*Last Revised:*

09-Apr-21

Last Revised: 09-Apr-21		Harvest Projections																		
		Resident Licenses		Tags	Nonresident Licenses		Response	Hunter	Tag	Whitetail				Mule Deer				Total Deer	Mean Satisfactn	Average Days
										Bucks		Does		Bucks		Does				
Unit/Type	Avail.	Sold	sold	Avail.	Sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted	
WR1-01	Unltd	1,089	1,106	Unltd	17	44%	51%	51%	297	2	34	0	219	0	5	2	560	-	-	
WR1-08	Unltd	1,687	3,398	Unltd	12	38%	67%	48%	596	21	490	21	294	13	191	16	1,643	-	-	
Totals		2,776	4,504		29	40.5%	60%	49%	893	23	525	21	514	13	195	18	2,203	5.29	4.14	

## 2020 West River LOL Harvest Distribution by Management Unit

*Last Revised:*

05-May-21

Last Revised: 05-May-21	Projected Harvest									
	Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does		Total	
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
02A (NE Penn/SE Meade)	22	3	20	0	19	0	9	0	73	3.3%
02C (SE Pennington)	11	0	9	0	13	0	6	0	39	1.8%
11A (N Bennett)	25	0	0	3	3	0	6	0	37	1.7%
11B (S Bennett)	14	0	6	0	5	0	0	0	25	1.1%
15A (Butte)	55	3	51	0	29	0	12	0	151	6.8%
15B (SW Butte/Lawrence)	36	3	51	3	8	0	3	0	104	4.7%
20A (Corson)	11	0	11	0	24	0	15	3	64	2.9%
21A (E Custer/S Penn)	14	0	9	0	8	3	0	0	33	1.5%
21B (C Custer/C Penn)	14	0	6	0	0	0	0	0	20	0.9%
24A (Dewey)	28	0	9	0	19	5	18	0	78	3.5%
27A (NW FRiver/SW Cust)	11	6	6	0	11	0	3	0	36	1.6%
27B (Fall River)	19	0	23	0	19	0	6	0	67	3.0%
30A,B (Gregory)	105	3	100	3	3	0	3	0	217	9.8%
31A (Haakon)	64	0	23	3	64	0	30	3	186	8.5%
35A (W Harding)	6	0	11	0	27	0	6	0	50	2.2%
35C (E Harding)	3	0	11	0	5	0	3	0	22	1.0%
39A (N Jackson)	8	0	3	0	19	0	0	0	30	1.4%
39B (S Jackson)	22	0	6	0	8	0	6	3	45	2.0%
41A (Jones)	25	0	11	0	32	0	9	0	77	3.5%
45A (W Lyman)	36	0	29	0	11	3	12	0	90	4.1%
45B (E Lyman)	19	0	11	0	5	0	0	0	36	1.6%
45C (NE Lyman/SE Stanley)	6	0	0	0	0	0	3	0	9	0.4%
45D (Ft Pr Nat Grslnd)	14	0	0	3	8	0	0	0	25	1.1%
49A (W Meade)	41	0	11	0	24	0	9	9	95	4.3%
49B (NE Meade)	25	0	11	0	27	0	3	0	66	3.0%
50A,B (Mellette)	30	0	11	0	13	0	0	0	55	2.5%
53A (N Perkins)	19	0	9	0	37	0	0	0	65	3.0%
53C (S Perkins)	33	3	14	0	16	0	6	0	72	3.3%
58A (Stanley)	30	0	6	0	29	0	12	0	77	3.5%
60A (Tripp)	108	3	43	6	8	3	9	0	179	8.1%
64A (Ziebach)	14	0	3	0	13	0	6	0	36	1.6%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	25	0	11	0	8	0	0	0	44	2.0%
TOTALS	893	23	525	21	514	13	195	18	2,203	

*Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.*

*Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.*

South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections  
Corey Huxoll

## 2020 West River Special Buck Harvest Projections

Last Revised: 09-Apr-21		Licenses						Harvest Projections												Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
		Resident			Nonresident			Tags sold	Response Rate	Tag Success	Whitetail				Mule Deer							
		Appl. 1st			Appl. 1st						Bucks		Does		Bucks		Does					
		Choice *	Avail.	Sold	Choice *	Avail.	Sold				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	sold	Rate	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted		
WR-01	1038	500	499	947	500	480	979	71%	80%	304	0	4	3	463	1	4	0	780	-	-		
WR-11	56	500	498	168	500	478	976	64%	69%	661	0	9	0	0	0	0	0	670	-	-		
Totals	1,094	1,000	997	1,115	1,000	958	1,955	68%	74%	964	0	14	3	463	1	4	0	1,450	5.81	3.69		

## 2020 West River Special Buck Harvest Distribution

Last Revised: 05-May-21	Projected Harvest									
	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			
	Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate
02A (NE Penn/SE Meade)	28	0	0	0	45	0	0	0	73	5.0%
02C (SE Pennington)	21	0	0	0	17	0	1	0	40	2.7%
11A (N Bennett)	3	0	0	0	6	0	0	0	9	0.7%
11B (S Bennett)	16	0	0	0	2	0	0	0	18	1.2%
15A (Butte)	37	0	0	0	25	0	0	0	62	4.3%
15B (SW Butte/Lawrence)	31	0	0	0	6	0	0	0	37	2.6%
20A (Corson)	34	0	2	0	23	0	0	0	59	4.1%
21A (E Custer/S Penn)	31	0	0	0	16	0	0	0	46	3.2%
21B (C Custer/C Penn)	10	0	0	0	3	0	0	0	13	0.9%
24A (Dewey)	11	0	0	1	6	0	0	0	19	1.3%
27A (NW FRiver/SW Cust)	6	0	0	0	5	0	0	0	11	0.8%
27B (Fall River)	28	0	0	0	12	0	0	0	40	2.8%
27L (Hill Ranch)	5	0	0	0	0	0	0	0	5	0.3%
30A,B (Gregory)	180	0	2	0	5	0	0	0	186	12.8%
31A (Haakon)	36	0	2	0	36	0	0	0	73	5.0%
35A (W Harding)	16	0	2	0	45	0	0	0	63	4.4%
35C (E Harding)	15	0	0	0	25	0	1	0	41	2.8%
39A (N Jackson)	21	0	0	0	8	0	0	0	29	2.0%
39B (S Jackson)	21	0	0	0	9	0	0	0	30	2.1%
41A (Jones)	52	0	0	1	23	0	0	0	77	5.3%
45A (W Lyman)	36	0	2	0	12	0	0	0	50	3.4%
45B (E Lyman)	11	0	0	0	2	0	0	0	13	0.9%
45C (NE Lyman/SE Stanley)	18	0	0	0	0	0	0	0	18	1.2%
45D (Ft Pr Nat GrsInd)	2	0	0	0	0	0	1	0	3	0.2%
49A (W Meade)	28	0	0	0	3	0	0	0	31	2.1%
49B (NE Meade)	28	0	0	0	11	0	0	0	38	2.7%
50A,B (Mellette)	42	0	0	0	17	0	0	0	59	4.1%
53A (N Perkins)	23	0	0	0	8	0	0	0	30	2.1%
53C (S Perkins)	36	0	2	0	20	1	0	0	59	4.1%
58A (Stanley)	45	0	0	0	45	0	0	0	91	6.2%
60A (Tripp)	76	0	3	0	9	0	0	0	89	6.1%
64A (Ziebach)	19	0	0	0	14	0	0	0	33	2.3%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	2	0	0	0	0	0	0	0	2	0.1%
BH1 (Black Hills)	0	0	0	0	3	0	0	0	3	0.2%
TOTALS	964	0	14	3	463	1	4	0	1,450	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.  
Use these figures for approximations only!

## **EAST RIVER FIREARM DEER**

There were 34,253 licenses issued for the 2020 East River Firearm Deer season (26,662 regular, 499 Special Buck and 7,092 Landowner Own Land Only) for a total of 41,335 tags.

The East River season was open 16 days from November 21 through December 6 in all units. The season was also open from December 12-20 for all unfilled antlerless deer tags.

All hunters were surveyed for the regular East River season, the East River Special Buck season, and the Landowner Own Land Only licenses. All hunters that listed an email address were surveyed using Survey123 Software. All hunters who did not respond or did not supply an email address were mailed post card requests to respond through the GFP website. Final response rates were 56% for regular East River Deer, 43% for Landowner Own Land, and 68% for Special Buck.

Respondents reported hunting an average of 4.19 days per hunter for the regular season, 4.92 days for Landowner Own Land and 5.62 days for Special Buck, resulting in a projected total of 149,531 recreation days for the entire East River season. Regular East River season hunters reported harvesting approximately 87% of their deer from November 21 – December 6, and 13% from December 12-20.

The East River projected deer harvest was 14,395 for the regular season, 4,596 for Landowner Own Land, and 274 for the Special Buck season. Success rates were 49% for the regular season, 40% for Landowner Own Land, and 55% for Special Buck.

The mean satisfaction score for those responding to the regular East River survey was 4.90, for the Landowner Own Land survey was 5.07, and for the Special Buck survey was 5.11 (1 = “very dissatisfied” and 7 = “very satisfied”).

Summary comparison of the 2012-2020 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2012	37,865	58,693	1,419	2,813	13,522	383	14,153	337	28,394	46%	4.23	4.64
2013	37,137	56,030	1,366	2,715	10,733	278	10,592	256	21,858	37%	4.44	4.19
2014	31,037	37,835	912	1,326	12,213	376	6,673	86	19,347	49%	4.10	4.80
2015	32,287	40,420	836	1,276	13,060	369	7,331	104	20,866	50%	4.15	4.96
2016	31,048	44,311	759	1,595	10,659	359	7,972	117	19,107	42%	4.16	4.70
2017	31,501	39,556	830	1,313	11,636	312	6,446	96	18,489	45%	4.40	4.86
2018	31,791	39,926	718	1,143	11,329	348	6,616	95	18,388	45%	4.36	4.86
2019	33,353	39,891	526	538	10,015	280	6,142	66	16,503	41%	4.15	4.77
2020	33,816	40,884	437	451	11,801	339	7,066	59	19,265	47%	4.56	5.30

### **2020 East River Deer Antlerless Harvest by Date**

	Total	Nov 21 - Dec 6	Dec 12-20
Reports	3,490	3,033	457
Percent of total		87%	13%
Projected	6,030	5,241	790

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## 2020 East River Deer Harvest Projections

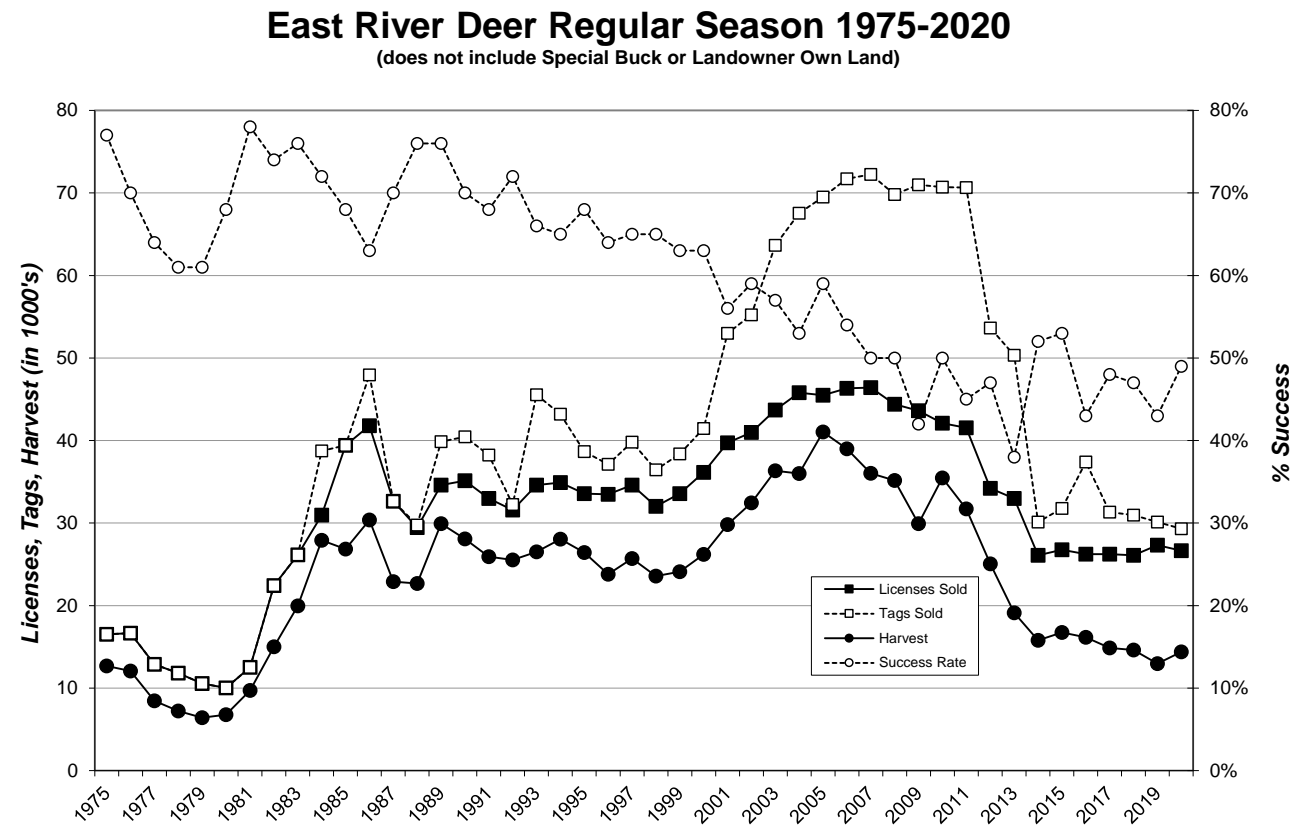
Last Revised: 07-Apr-21	Licenses											Harvest Projections				Harvest Projections				Total Deer Harvest CI (95%)	
	Resident				Nonresident			Tags sold	Response Rate	Success 1st tag	2nd tag	Success	Hunter	Whitetail		Mule Deer					
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Bucks	Does							Bucks	Does						
	Unit/Type	Choice *	Avail.	Sold	Avail.	Sold	sold	Rate	1st tag	2nd tag	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A-01	701	450	450	leftovers	0	450	60%	44%		44%	152	5	35	3	0	0	0	0	196	+/-17	
01A-13	70	200	201	leftovers	0	201	61%	39%		39%	0	3	71	5	0	0	0	0	79	+/-11	
03A-01	1,535	1,000	1,005	leftovers	1	1,006	57%	48%		48%	414	5	56	3	0	0	0	0	479	+/-27	
03A-13	57	1,000	996	leftovers	1	997	53%	43%		47%	0	51	381	32	0	0	0	0	465	+/-32	
04A-11	874	500	502	leftovers	0	502	52%	52%		52%	223	4	31	4	0	0	0	0	262	+/-21	
04A-13	32	200	200	leftovers	0	200	48%	64%		64%	0	4	93	29	0	0	0	0	126	+/-14	
05A-01	547	250	250	leftovers	0	250	59%	63%		63%	131	3	20	2	0	0	0	0	156	+/-13	
05A-13	25	100	100	leftovers	0	100	59%	56%		56%	0	5	47	3	0	0	0	0	56	+/-8	
06A-01	731	450	455	leftovers	0	455	67%	55%		55%	198	1	49	0	0	0	0	0	249	+/-15	
06A-13	91	100	100	leftovers	0	100	61%	56%		56%	0	7	46	3	0	0	0	0	56	+/-8	
07A-01	517	300	302	leftovers	0	302	65%	55%		55%	131	2	29	3	0	0	0	0	164	+/-12	
07B-13	26	75	75	leftovers	0	75	67%	50%		50%	0	3	30	5	0	0	0	0	38	+/-6	
08A-11	304	200	201	leftovers	0	201	60%	42%		42%	79	0	5	0	0	0	0	0	84	+/-11	
10A-11	495	300	279	leftovers	0	279	41%	51%		51%	109	5	29	0	0	0	0	0	143	+/-20	
10A-13	25	200	193	leftovers	0	193	51%	53%		53%	0	6	82	14	0	0	0	0	101	+/-13	
12A-01	382	250	250	leftovers	0	250	64%	58%		58%	113	2	28	2	2	0	0	0	146	+/-11	
12B-13	29	50	50	leftovers	0	50	50%	60%		60%	0	6	24	0	0	0	0	0	30	+/-7	
13A-01	266	100	99	leftovers	2	101	66%	48%		48%	21	3	3	0	18	0	3	0	48	+/-7	
13A-18	339	800	798	leftovers	1	1,598	51%	40%	11%	40%	201	16	164	30	0	0	0	0	411	+/-48	
13L-01	79	20	20	leftovers	0	20	75%	60%		60%	7	0	1	0	4	0	0	0	12	+/-2	
13P-13	5	100	102	leftovers	3	105	50%	34%		37%	0	2	34	4	0	0	0	0	40	+/-11	
14A-01	70	100	97	leftovers	1	98	51%	50%		50%	25	2	10	0	12	0	0	0	49	+/-10	
14A-18	65	250	249	leftovers	0	498	56%	42%	12%	42%	62	5	45	12	0	0	0	0	125	+/-25	
16A-01	72	30	32	leftovers	0	32	48%	60%		60%	4	0	0	0	14	0	0	0	19	+/-6	
16A-11	353	400	400	leftovers	0	400	53%	54%		54%	180	6	28	2	0	0	0	0	216	+/-18	
16A-13	2	150	123	leftovers	32	155	50%	52%		56%	0	8	63	2	0	0	0	0	73	+/-15	
17A-01	426	100	103	leftovers	0	103	54%	50%		50%	33	2	6	0	9	0	0	2	51	+/-9	
17A-11	430	200	201	leftovers	0	201	63%	45%		45%	63	6	19	2	0	0	0	0	90	+/-11	
17A-13	13	100	101	leftovers	0	101	59%	35%		35%	0	2	30	3	0	0	0	0	35	+/-8	
18A-01	802	600	598	leftovers	0	598	58%	58%		58%	290	5	43	3	2	0	0	0	344	+/-20	
18A-13	28	100	100	leftovers	0	100	50%	58%		58%	0	2	56	0	0	0	0	0	58	+/-10	
19A-01	317	200	200	leftovers	0	200	60%	58%		58%	76	3	35	3	0	0	0	0	117	+/-11	
19A-13	19	100	100	leftovers	0	100	64%	48%		48%	0	6	41	2	0	0	0	0	48	+/-7	
22A-01	927	600	601	leftovers	0	601	57%	60%		60%	321	12	28	0	0	0	0	0	361	+/-20	
22A-13	28	100	100	leftovers	0	100	62%	52%		52%	0	0	42	10	0	0	0	0	52	+/-8	
23A-01	588	400	400	leftovers	1	401	60%	59%		59%	201	5	23	7	0	0	0	0	235	+/-16	
23A-13	17	100	100	leftovers	0	100	60%	57%		57%	0	3	52	2	0	0	0	0	57	+/-8	
25A-11	202	250	249	leftovers	0	249	51%	36%		36%	73	0	16	2	0	0	0	0	90	+/-15	
25A-13	10	100	100	leftovers	0	100	34%	35%		35%	0	3	26	6	0	0	0	0	35	+/-13	
26A-01	716	700	699	leftovers	0	699	56%	58%		58%	359	2	36	7	0	0	4	0	407	+/-23	
26A-13	28	600	499	leftovers	97	596	48%	44%		51%	0	27	260	29	0	0	0	0	316	+/-28	
28A-01	620	600	574	leftovers	1	575	51%	54%		54%	258	2	41	8	2	0	2	0	313	+/-23	
28A-13	16	600	435	leftovers	85	520	46%	54%		64%	0	43	245	54	0	0	0	0	342	+/-28	
29A-01	605	300	300	leftovers	0	300	64%	61%		61%	150	6	25	2	0	0	0	0	182	+/-12	
32A-01	648	600	602	leftovers	0	602	58%	54%		54%	266	5	49	2	2	0	0	0	323	+/-21	
32A-13	9	100	100	leftovers	0	100	61%	49%		49%	0	8	39	2	0	0	0	0	49	+/-8	
33A-01	100	20	15	leftovers	0	15	60%	56%		56%	8	0	0	0	0	0	0	0	8	+/-3	
33A-18	635	450	413	leftovers	0	826	59%	56%	19%	56%	146	17	134	12	0	0	0	0	309	+/-32	
33A-19	13	100	90	leftovers	0	180	53%	58%	33%	58%	0	6	60	17	0	0	0	0	82	+/-17	
33P-13	4	300	220	leftovers	23	243	46%	41%		43%	0	7	87	13	0	0	0	0	106	+/-17	
34A-11	317	200	202	leftovers	0	202	56%	56%		56%	104	0	7	2	0	0	0	0	113	+/-12	
36A-01	319	175	167	leftovers	0	167	68%	64%		64%	34	0	6	1	56	3	7	0	107	+/-8	
36A-11	235	250	239	leftovers	0	239	62%	48%		48%	104	3	7	2	0	0	0	0	115	+/-12	
36P-13	1	100	92	leftovers	0	92	55%	37%		40%	0	5	29	5	0	0	0	0	40	+/-9	
37A-11	340	150	150	leftovers	0	150	64%	58%		58%	84	0	3	0	0	0	0	0	87	+/-9	
38A-01	43	20	19	leftovers	0	19	47%	56%		56%	8	0	0	0	2	0	0	0	11	+/-4	
38A-18	254	500	447	leftovers	0	894	51%	42%	14%	42%	154	14	71	12	0	0	0	0	250	+/-37	
38A-19	3	100	78	leftovers	13	182	49%	29%	16%	29%	0	8	20	14	0	0	0	0	43	+/-17	
38P-13	0	100	6	leftovers	2	8	38%	33%		33%	0	0	3	0	0	0	0	0	3	+/-3	
40A-11	225	250	237	leftovers	0	237	55%	55%		55%	106	0	20	4	0	0	0	0	129	+/-14	
40A-13	12	250	195	leftovers	32	227	49%	40%		44%	0	10	90	8	0	0	0	0	108	+/-17	
40A-18	168	100	96	leftovers	0	192	47%	58%	24%	58%	38	6	30	4	0	0	0	0	79	+/-20	
42A-01	780	500	501	leftovers	0	501	56%	58%		59%	266	0	27	0	0	0	0	0	293	+/-19	
42A-13	54	100	100	leftovers	0	100	56%	54%		54%	0	11	43	0	0	0	0	0	54	+/-9	
43A-01	621	300	301	leftovers	0	301	66%	58%		59%	155	3	18	2	0	0	0	0	177	+/-12	
43A-13	36	100	100	leftovers	0	100	51%	45%		45%	0	10	31	4	0	0	0	0	45	+/-10	
44A-01	446	200	200	leftovers	0	200	65%	47%		47%	79	2	14	0	0	0	0	0	95	+/-10	
44A-13	31	100	100	leftovers	0	100	57%	40%		40%	0	2	37	2	0	0	0	0	40	+/-8	
46A-01	612																				

South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections  
Corey Huxoll

(continued from previous page)

Last Revised: 07-Apr-21		Licenses										Harvest Projections								Harvest Projections							
		Resident					Nonresident													Total							
		Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Tags sold	Response Rate	1st tag	2nd tag	Success	Whitetail				Mule Deer				Deer Harvest	Ci (95%)						
												Bucks	Fawn	Adult	Fawn	Bucks	Fawn	Adult	Fawn								
Unit/Type												Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn								
57A-01	912	900	903	leftovers	0	903	54%	51%		51%	373	7	72	7	2	0	0	0	0	462	+/-27						
57A-13	26	400	384	leftovers	15	399	46%	43%		43%	0	7	148	9	0	0	0	0	163	+/-22							
59A-01	432	100	92	leftovers	0	92	70%	58%		58%	13	0	1	0	37	0	0	1	53	+/-6							
59A-11	183	250	241	leftovers	0	241	57%	53%		53%	117	0	9	2	0	0	0	0	127	+/-13							
59B-01	37	20	20	leftovers	0	20	65%	77%		77%	14	0	0	0	2	0	0	0	15	+/-3							
59B-11	189	300	277	leftovers	0	277	55%	45%		45%	102	4	18	0	0	0	0	0	124	+/-15							
59B-13	2	50	46	leftovers	0	46	62%	18%		18%	0	2	5	2	0	0	0	0	8	+/-4							
61A-01	333	100	100	leftovers	0	100	57%	53%		53%	53	0	0	0	0	0	0	0	53	+/-9							
62A-01	451	300	300	leftovers	0	300	58%	56%		57%	143	3	21	2	0	0	0	0	169	+/-14							
62A-13	37	100	100	leftovers	0	100	56%	46%		46%	0	7	34	5	0	0	0	0	46	+/-9							
63A-01	175	50	53	leftovers	0	53	51%	59%		59%	14	0	0	0	18	0	0	0	31	+/-7							
63A-11	370	400	400	leftovers	1	401	57%	55%		55%	186	7	24	0	0	0	0	0	218	+/-17							
63A-13	9	300	258	leftovers	40	298	50%	41%		49%	0	20	114	16	0	0	0	0	149	+/-18							
Totals	26,962	27,310	26,225	leftovers	437	29,299	55.9%			53%	8,144	599	4,828	577	220	3	19	3	14,395	+/-1,425							

\* Number of 1st drawing applicants with that season as 1st choice.





**South Dakota Game Report No 2021-12 – 2020 Big Game Harvest Projections**  
*Corey Huxoll*

## 2020 East River Landowner Own Land Harvest Projections

Last Revised:

09-Apr-21

Last Revised:			Harvest Projections																		
09-Apr-21			Resident Licenses		Tags sold	Nonresident Licenses		Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfact Rating	Average Days Hunted
Unit	Avail.	Sold	Avail.	Sold		Bucks	Does				Bucks	Does	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ER1-01	Unltd	2,647	2,647	0	0	45%	37%	37%	831	4	106	2	40	2	0	0	985	-	-		
ER1-08	Unltd	4,445	8,890	0	0	41%	60%	41%	1,838	134	1,405	141	44	12	27	10	3,611	-	-		
Totals		7,092	11,537	0	0	42.7%	51%	40%	2,669	138	1,512	143	84	14	27	10	4,596	5.07	4.92		

## 2020 East River LOL Harvest Distribution by Management Unit

Last Revised:

04-May-21

Unit	Projected Harvest									
	Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does		Total	
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	83	11	50	3	0	0	0	0	146	3.2%
03A (Brown)	93	3	66	11	0	0	0	0	173	3.8%
04A (Beadle)	158	8	103	3	0	0	0	0	272	5.9%
05A (Codington)	106	5	61	11	0	0	0	0	183	4.0%
06A (Brookings)	96	11	69	8	0	0	0	0	183	4.0%
07A (Yankton)	65	3	50	3	0	0	0	0	120	2.6%
08A (Davison)	54	0	24	3	0	0	0	2	83	1.8%
10A (Aurora)	47	3	26	5	0	0	0	2	83	1.8%
12A (Bon Homme)	44	0	26	0	0	0	0	0	70	1.5%
13A (Brule)	34	0	26	5	12	0	0	0	77	1.7%
14A (Buffalo)	13	0	8	3	2	0	3	0	29	0.6%
16A (Campbell)	31	3	8	3	12	0	3	0	59	1.3%
17A (Charles Mix)	93	5	37	3	10	3	6	2	159	3.5%
18A (Clark)	116	5	34	3	2	0	0	0	161	3.5%
19A (Clay)	36	3	24	0	0	0	0	0	63	1.4%
22A (Day)	83	0	63	0	2	0	0	0	148	3.2%
23A (Deuel)	41	8	16	0	0	0	0	0	65	1.4%
25A (Douglas)	31	0	11	0	0	0	0	0	42	0.9%
26A (Edmunds)	54	3	32	5	2	0	0	0	96	2.1%
28A (Faulk)	23	0	40	0	0	0	0	0	63	1.4%
29A (Grant)	90	5	58	5	0	3	0	0	162	3.5%
32A (Hamlin)	57	3	24	5	0	0	0	0	89	1.9%
33A (Hand)	78	0	66	5	12	0	0	0	161	3.5%
34A (Hanson)	72	3	29	5	0	0	0	0	110	2.4%
36A (Hughes)	16	0	11	0	10	0	3	0	39	0.8%
37A (Hutchinson)	109	5	53	0	0	0	0	0	167	3.6%
38A (Hyde)	8	0	5	5	0	0	0	0	18	0.4%
40A (Jerauld)	34	3	18	3	0	0	0	0	57	1.3%
42A (Kingsbury)	72	3	18	3	0	0	0	0	96	2.1%
43A (Lake)	83	5	48	3	0	0	0	0	138	3.0%
44A (Lincoln)	36	0	18	3	2	0	0	0	60	1.3%
46A (McCook)	65	5	32	0	0	0	0	0	102	2.2%
47A (McPherson)	31	0	26	0	0	0	0	0	57	1.2%
48A (Marshall)	26	0	11	0	0	0	0	0	36	0.8%
51A (Miner)	57	5	26	3	0	0	0	0	91	2.0%
52A (Moody)	36	5	24	0	0	0	0	0	65	1.4%
54A (Potter)	13	0	13	0	2	0	3	0	31	0.7%
55A (Roberts)	150	5	87	8	0	0	0	0	251	5.5%
56A (Sanborn)	80	3	48	0	0	3	0	0	133	2.9%
57A (Spink)	83	3	45	16	0	3	0	0	149	3.3%
59A (W Sully)	13	0	8	0	5	0	3	0	29	0.6%
59B (E Sully)	23	3	5	0	2	0	0	0	34	0.7%
61A (Turner)	47	0	16	8	0	0	0	0	70	1.5%
62A (Union)	49	3	24	0	0	0	0	0	76	1.6%
63A (Walworth)	44	8	24	3	7	3	6	2	97	2.1%
TOTALS	2,669	138	1,512	143	84	14	27	10	4,596	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

## 2020 East River Special Buck Harvest Projections

Last Revised:

09-Apr-21

Last Revised: 09-Apr-21						Harvest Projections								Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
						Whitetail				Mule Deer						
						Bucks		Does		Bucks		Does				
Unit/Type	Appl. 1st Choice *	Resident Licenses Avail.	Sold	Response Rate	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ER-01	1,330	500	499	68%	55%	247	3	6	0	18	0	0	0	274	5.11	5.62

ER-01	1,330	500	499	68%	55%	247	3	6	0	18	0	0	0	274	5.11	5.62
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## 2020 East River Special Buck Harvest Distribution

Last Revised:

04-May-21

Last Revised: 04-May-21	Projected Harvest									
	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			
	Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate
01A (Minnehaha)	19	0	0	0	0	0	0	0	19	7.0%
03A (Brown)	16	0	0	0	0	0	0	0	16	5.8%
04A (Beadle)	2	1	0	0	2	0	0	0	5	1.7%
05A (Codington)	6	0	0	0	0	0	0	0	6	2.3%
06A (Brookings)	19	0	1	0	0	0	0	0	21	7.5%
07A (Yankton)	6	0	1	0	0	0	0	0	8	2.9%
08A (Davison)	3	0	0	0	0	0	0	0	3	1.2%
10A (Aurora)	5	0	0	0	0	0	0	0	5	1.7%
12A (Bon Homme)	2	0	0	0	0	0	0	0	2	0.6%
13A (Brule)	3	0	0	0	2	0	0	0	5	1.8%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0.0%
16A (Campbell)	5	0	0	0	5	0	0	0	10	3.5%
17A (Charles Mix)	5	0	0	0	3	0	0	0	8	2.9%
18A (Clark)	13	0	0	0	0	0	0	0	13	4.7%
19A (Clay)	2	0	0	0	0	0	0	0	2	0.6%
22A (Day)	11	0	0	0	0	0	0	0	11	4.1%
23A (Deuel)	2	0	1	0	0	0	0	0	3	1.1%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	6	1	0	0	0	0	0	0	8	2.9%
28A (Faulk)	11	0	0	0	0	0	0	0	11	4.1%
29A (Grant)	3	0	0	0	0	0	0	0	3	1.2%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0.0%
33A (Hand)	5	0	1	0	0	0	0	0	6	2.3%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	5	0	0	0	0	0	0	0	5	1.7%
37A (Hutchinson)	8	0	0	0	0	0	0	0	8	2.9%
38A (Hyde)	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	6	0	0	0	0	0	0	0	6	2.3%
42A (Kingsbury)	10	0	0	0	0	0	0	0	10	3.5%
43A (Lake)	6	0	0	0	0	0	0	0	6	2.3%
44A (Lincoln)	10	0	0	0	0	0	0	0	10	3.5%
46A (McCook)	3	0	0	0	0	0	0	0	3	1.2%
47A (McPherson)	10	0	0	0	0	0	0	0	10	3.5%
48A (Marshall)	5	0	0	0	0	0	0	0	5	1.7%
51A (Miner)	5	0	0	0	0	0	0	0	5	1.7%
52A (Moody)	5	0	0	0	0	0	0	0	5	1.7%
54A (Potter)	3	0	0	0	2	0	0	0	5	1.8%
55A (Roberts)	5	0	0	0	0	0	0	0	5	1.7%
56A (Sanborn)	3	0	0	0	0	0	0	0	3	1.2%
57A (Spink)	0	0	0	0	0	0	0	0	0	0.0%
59A (W Sully)	5	0	0	0	3	0	0	0	8	2.9%
59B (E Sully)	2	0	0	0	0	0	0	0	2	0.6%
61A (Turner)	2	0	0	0	0	0	0	0	2	0.6%
62A (Union)	11	0	0	0	0	0	0	0	11	4.1%
63A (Walworth)	2	0	0	0	2	0	0	0	3	1.2%
TOTALS	247	3	6	0	18	0	0	0	274	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

## **NATIONAL WILDLIFE REFUGE DEER**

There were 159 licenses issued for the 2020 Wildlife Refuge Deer seasons, which included 118 at Sand Lake (108 residents and 10 nonresidents); 19 at Lacreek (17 residents and 2 nonresidents); and 22 at Waubay (20 residents and 2 nonresidents).

All license-holders were surveyed for each season and response rates for Sand Lake, Lacreek, and Waubay refuges were 70%, 47%, and 77%, respectively.

The seasons had different opening dates at each refuge. The average days hunted were 2.81 at Sand Lake, 3.70 at Lacreek and 3.22 at Waubay.

The projected harvest for Sand Lake was 34 whitetail bucks and 5 whitetail does, for Lacreek was 9 whitetail bucks, and for Waubay was 5 whitetail bucks. The reported success rate for Sand Lake was 34%, for Lacreek was 49%, and for Waubay was 23%.

### **Harvest summaries for 2011-2020 National Wildlife Refuge Deer Seasons**

#### **Sand Lake National Wildlife Refuge**

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVG DAYS HUNTED</b>
2011	220	33	59	21%	3.30
2012	128	35	11	36%	2.54
2013	132	42	22	48%	2.48
2014	133	50	5	42%	2.34
2015	165	52	10	37%	2.89
2016	163	33	16	30%	2.60
2017	165	36	15	31%	2.72
2018	164	46	15	38%	2.66
2019	115	27	10	32%	2.54
2020	118	34	5	34%	2.81

#### **Lacreek National Wildlife Refuge**

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVG DAYS HUNTED</b>
2011	45	16	9	45%	2.93
2012	48	14	19	47%	2.38
2013	48	11	4	22%	1.97
2014	34	8	0	24%	3.10
2015	34	12	0	35%	2.71
2016	23	7	1	34%	2.50
2017	29	11	1	41%	2.73
2018	29	7	0	23%	2.00
2019	21	9	0	41%	2.79
2020	19	9	0	49%	3.70

#### **Waubay National Wildlife Refuge**

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVG DAYS HUNTED</b>
2011	64	9	7	25%	3.82
2012	51	17	2	38%	1.76
2013	51	15	1	31%	1.71
2014	33	8	2	32%	1.54
2015	33	8	0	24%	2.10
2016	33	8	1	29%	2.29
2017	21	10	3	61%	2.22
2018	22	10	3	56%	2.94
2019	22	6	3	40%	2.93
2020	22	5	0	23%	3.22

## 2020 Sand Lake Refuge Deer Harvest Projections

Last Revised: 7-Apr-21	Licenses						Harvest Projections										Mean Satisf	Avg Days
	Resident			Nonresident			Response	Hunter	Tag	Whitetail				Total Deer				
	Appl. 1st	Appl. 1st	Appl. 1st	Bucks	Does													
						Choice *				Available	Sold	Choice *	Available		Sold	Rate		
Unit/Type	Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted		
SL1-01	62	20	20	10	2	2	68%	40%	40%	9	0	0	0	9	4.43	3.27		
SL2-01	96	20	22	15	2	2	61%	57%	62%	15	0	0	0	15	4.18	2.57		
SL3-01	37	20	21	14	2	2	83%	16%	16%	2	0	1	0	4	4.60	2.56		
SL4-13	5	25	25	1	2	2	70%	21%	21%	0	1	4	0	6	4.67	2.61		
SL5-01	32	20	20	9	2	2	68%	33%	33%	7	0	0	0	7	4.69	3.00		
Licenses	232	105	108	49	10	10	70.1%	31.7%	34%	33	1	5	0	40	4.55	2.81		

## 2020 Waubay Refuge Deer Harvest Projections

Unit/Type	Licenses						Harvest Projections										Mean Satisf	Avg Days
	Resident			Nonresident			Response Rate	Hunter Success	Tag Success	Whitetail				Total Deer Harvested				
	Appl. 1st			Appl. 1st						Bucks		Does						
	Choice *	Available	Sold	Choice *	Available	Sold				Adult	Fawn	Adult	Fawn					
WA1-01	39	10	10	1	1	1	73%	13%	13%	1	0	0	0	1	5.33	5.00		
WA3-01	19	10	10	1	1	1	82%	33%	33%	4	0	0	0	4	5.14	1.44		
Licenses	58	20	20	2	2	2	77.3%	23.5%	23%	5	0	0	0	5	5.24	3.22		

All units require the use of muzzleloader firearms.

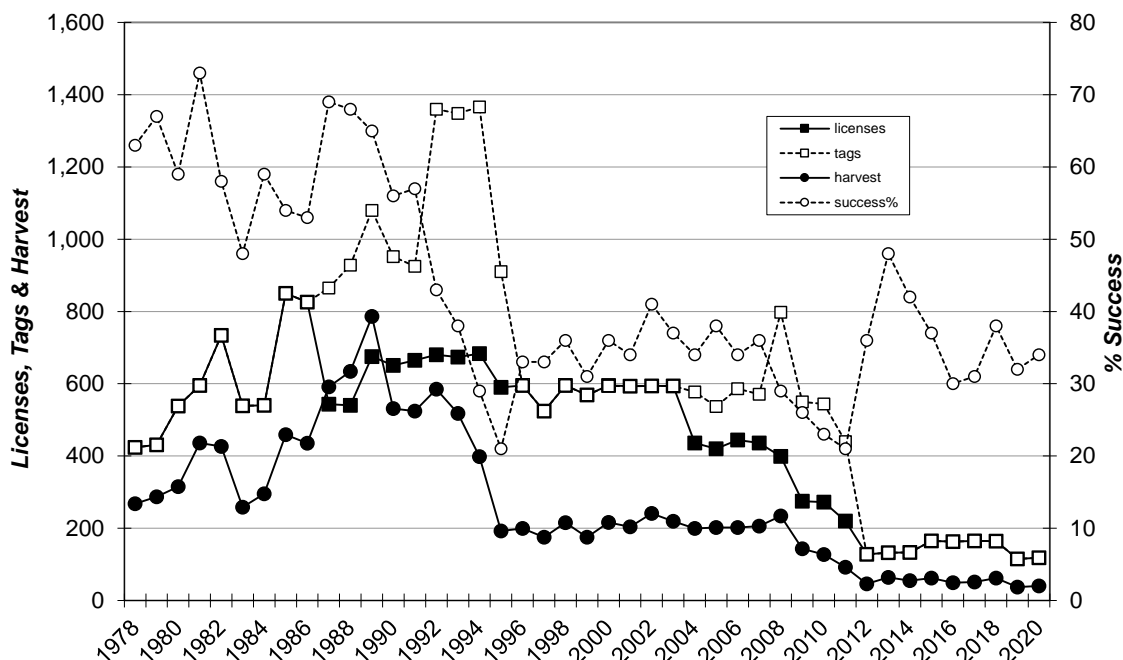
## 2020 Lacreek Refuge Deer Harvest Projections

Unit/Type	Licenses						Response Rate	Hunter Success	Tag Success	Harvest Projections										Total Deer Harvested	Mean Satisf Score	Avg Days Hunted
	Resident			Nonresident						Whitetail				Mule Deer								
	Appl. 1st			Appl. 1st						Bucks		Does		Bucks		Does						
	Choice *	Available	Sold	Choice *	Available	Sold				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
	Choice *	Available	Sold	Choice *	Available	Sold				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
LC1-01	61	10	9	10	1	1	40%	75%	75%	8	0	0	0	0	0	0	0	8	6.75	3.25		
LC2-01	86	10	8	18	1	1	56%	20%	20%	2	0	0	0	0	0	0	0	2	4.40	4.20		
Licenses	147	20	17	28	2	2	47.4%	44.4%	49%	9	0	0	0	0	0	0	0	9	5.64	3.70		

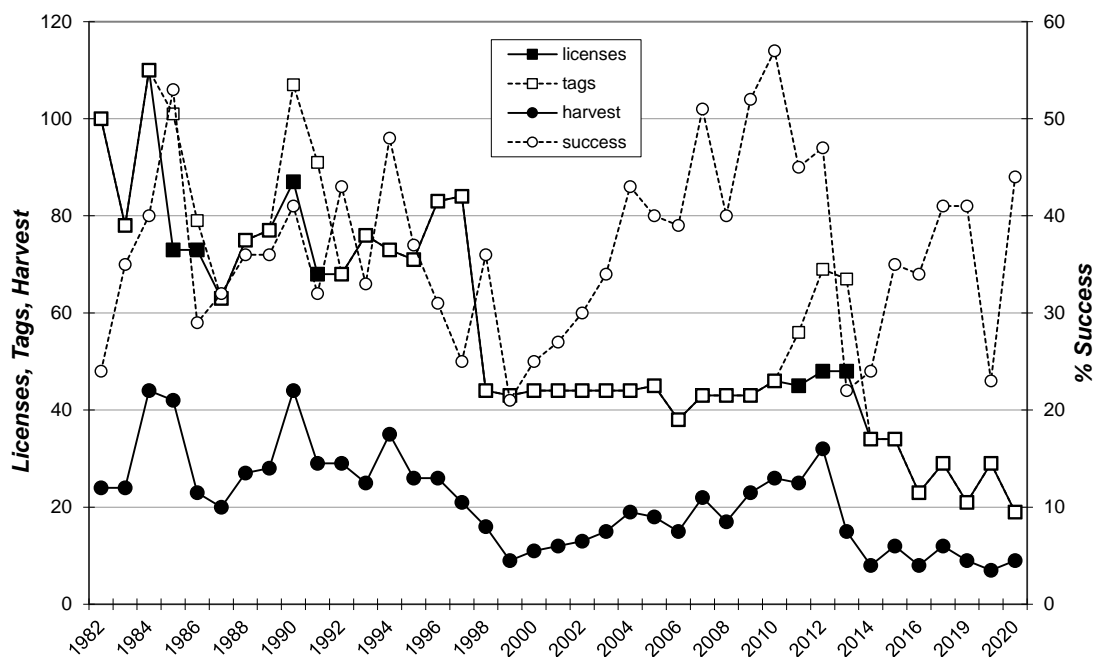
Response rate for all units combined was: **68.4%**

\* Number of 1st drawing applicants with that season as 1st choice.

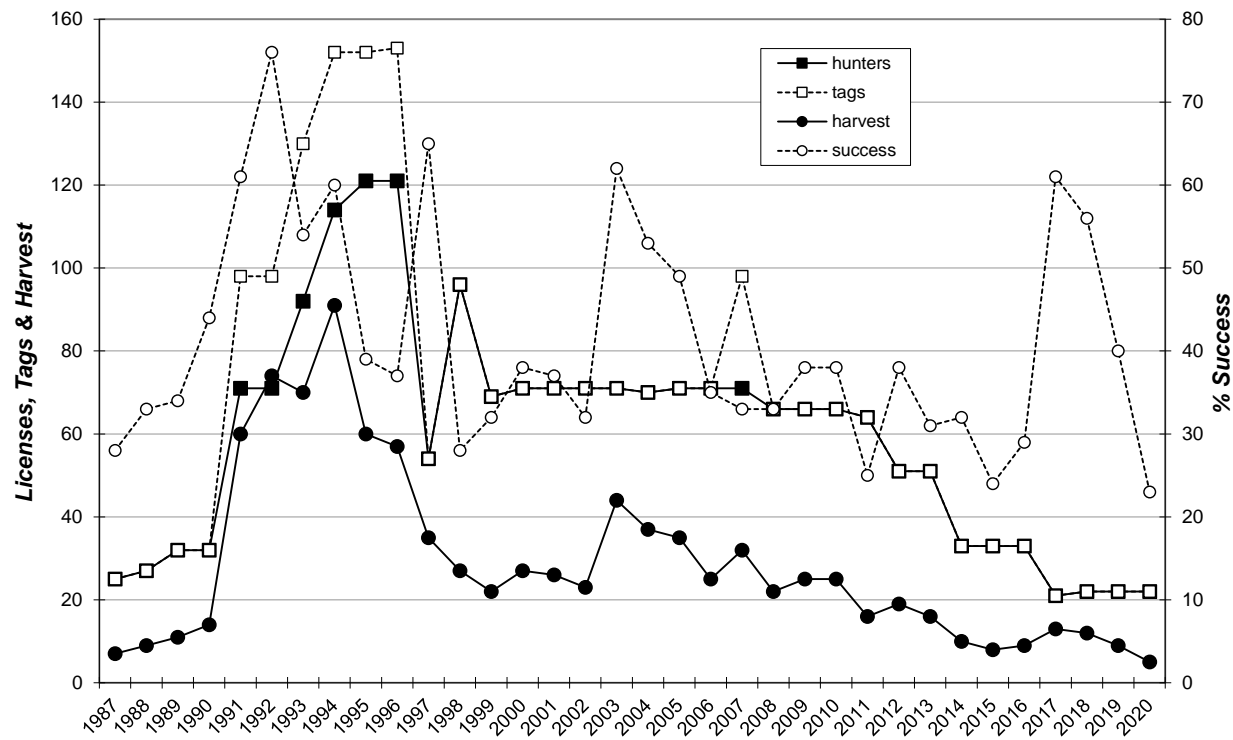
## Sand Lake National Wildlife Refuge 1978-2020



## Lacreek National Wildlife Refuge 1982-2020



Waubay National Wildlife Refuge 1987-2020



# **BLACK HILLS DEER**

There were 5,193 single-tag licenses issued for the 2020 Black Hills Deer season (4,850 resident, 343 nonresident), and 17 single-tag and 22 double-tag licenses issued for the Landowner Own Land Black Hills season.

All regular season hunters were surveyed and 3,148 (61%) responded. All 39 Landowner Own Land hunters were surveyed and 15 (38%) responded.

The season ran the month of November, a total of 30 days. Those responding reported hunting an average of 4.87 days, which projected to 25,212 recreation days for the season. The mean satisfaction score for all combined units was 5.44 on a scale ranging from 1 = “very dissatisfied” to 7 = “very satisfied”.

The harvest projection for the Black Hills Deer and Landowner Black Hills Deer seasons was 3,307 deer (2,198 adult whitetail bucks, 113 fawn whitetail bucks, 817 adult whitetail does, 92 fawn whitetail does, 81 adult mule deer bucks, and 7 adult mule deer does. The overall season harvest success rate was 63%.

Including the estimated Black Hills harvest of 2,318 deer from the Archery, Apprentice, Mentored Youth, and Muzzleloader seasons, approximately 5,626 deer were harvested in the Black Hills proper.

Harvest summaries for the 2012-2020 Black Hills Deer seasons (including Landowner Own Land)

YEAR	Licenses Sold		Bucks		Harvest Does		Total	Success	Avg Days Hunted	Avg Satis
	Resident	Nonres	WT	Mule	WT	Mule				
2012	3,337	243	2,008	88	289	6	2,391	67%	4.23	5.22
2013	3,330	261	1,912	62	318	2	2,294	64%	4.68	5.27
2014	3,242	252	2,076	59	275	0	2,410	69%	4.82	5.48
2015	3,741	294	2,533	74	307	2	2,917	72%	4.61	5.75
2016	4,120	325	2,604	86	505	2	3,198	72%	4.38	5.76
2017	4,319	343	2,616	79	630	0	3,325	71%	4.39	5.76
2018	4,366	344	2,260	86	643	12	3,001	64%	4.54	5.52
2019	4,838	375	2,258	57	847	0	3,161	60%	4.09	5.50
2020	4,889	343	2,311	81	909	7	3,307	63%	4.87	5.44

## 2020 Black Hills Deer Harvest Projections

Last Revised: 7-Apr-21

Unit/Type	Licenses										Harvest Projections												Mean Satisfctn Score	Avg Days Hunted
	Resident					Nonresident					Whitetail				Mule Deer				Total Deer Harvested/CI (95%)					
	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Hunters	Resp.	Hunter Success	Tag Success	Bucks		Does		Bucks		Does							
											Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
BH1-01	3,326	200	217	499	16	14	229	59%	58%	58%	51	0	2	0	75	0	7	0	135	+/-12	5.38	5.30		
BH1-11	8,670	3,500	3,525	1,016	280	250	3,733	62%	64%	64%	2,132	39	217	18	0	0	0	0	2,405	+/-45				
BD1-13	375	1,000	1,007	48	80	72	1,068	58%	61%	61%	0	66	518	71	0	0	0	0	655	+/-27	5.63	3.52		
BD2-13	90	100	101	9	8	7	108	69%	74%	74%	0	9	69	3	0	0	0	0	80	+/-6	5.77	2.54		
Totals	12,461	4,800	4,850	1,572	384	343	5,138	61.3%	63%	63%	2,183	113	806	92	75	0	7	0	3,275	+/-90	5.44	4.87		

The response rate for all units combined is: 61.3%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

\* Number of 1st drawing applicants with that season as 1st choice.

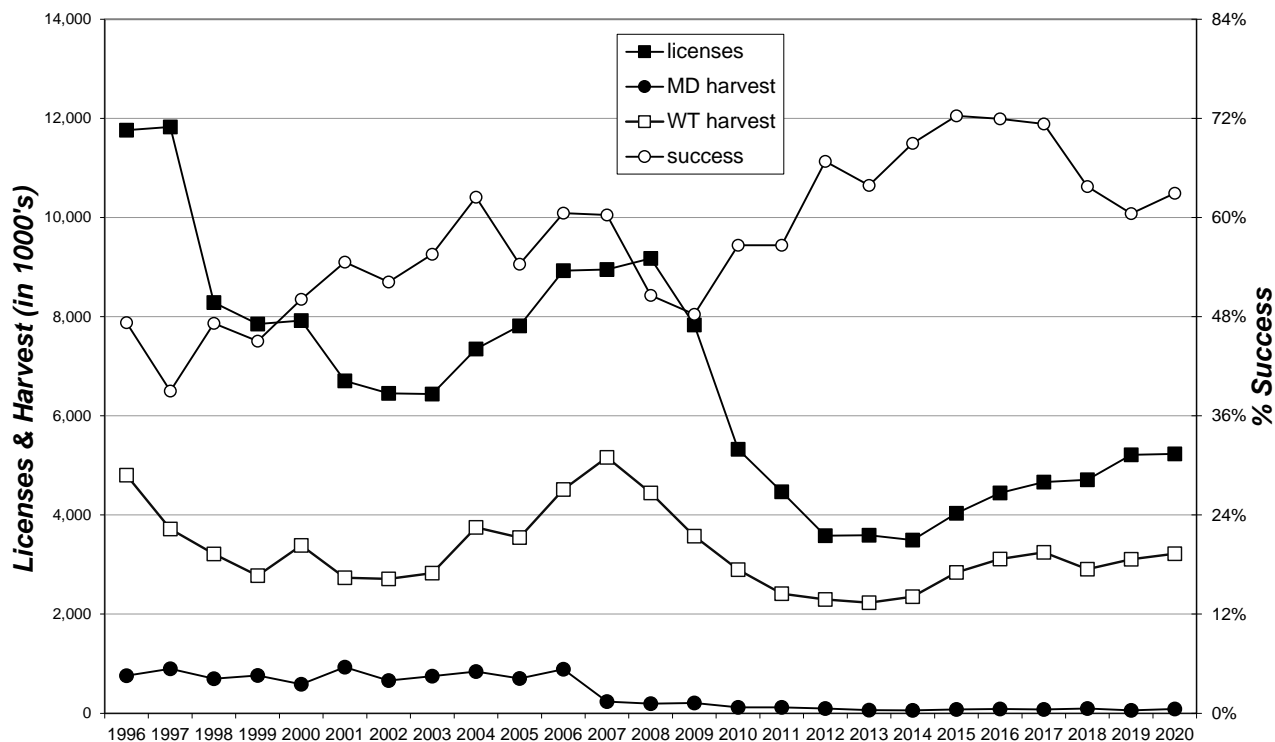
## 2020 Black Hills Landowner Own Land Harvest Projections

Last Revised:

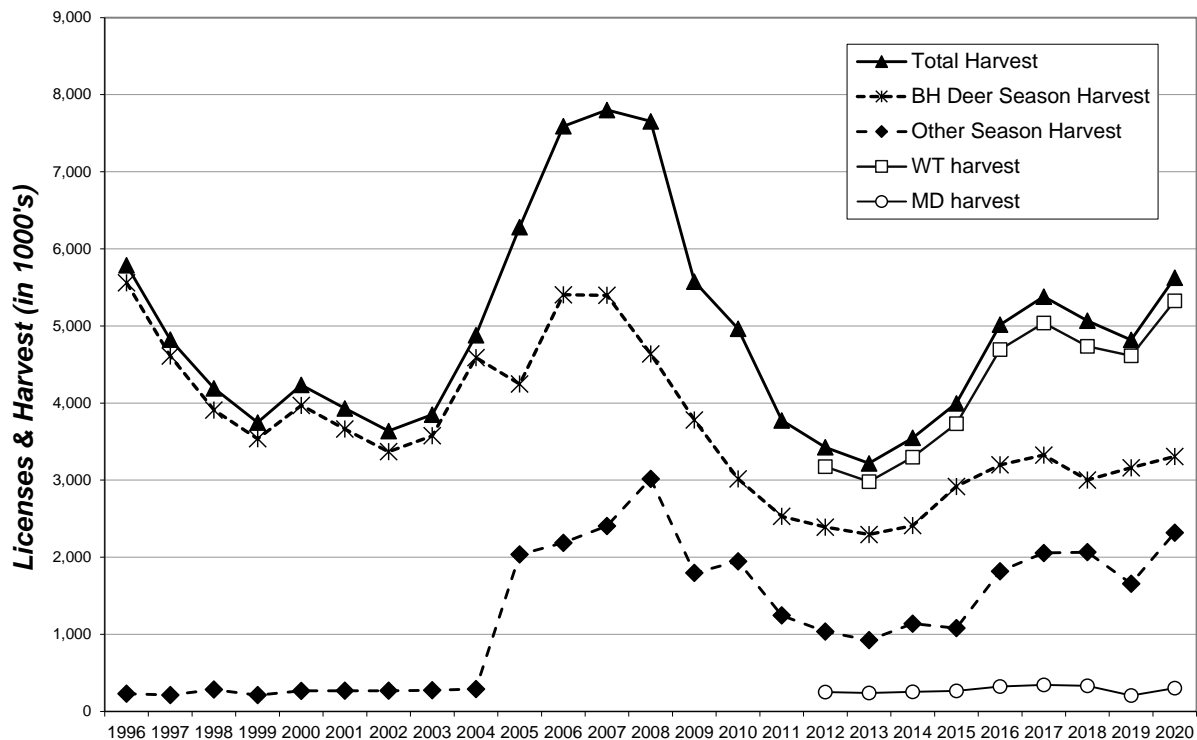
09-Apr-21

Harvest Projections																			
Last Revised: 09-Apr-21																			
Unit	Resident Licenses		Tags sold	Nonresident Licenses		Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold		Avail.	Sold				Bucks	Does	Bucks	Does	Bucks	Does					
BH1-01	Unltd	17	17	0	0	29%	20%	20%	0	0	0	0	3	0	0	0	3	-	-
BH1-08	Unltd	22	44	0	0	45%	80%	65%	15	0	11	0	2	0	0	0	29	-	-
Totals		39	61		0	38.5%	60%	52%	15	0	11	0	6	0	0	0	32	5.23	4.62

## Black Hills Deer 1996-2020



## Black Hills Deer Harvest 1996-2020





## CUSTER STATE PARK DEER

The 2020 Custer State Park Deer season was open November 1-30 for Any Deer and Any Whitetail licenses and from December 1-15 for Antlerless Whitetail muzzleloader licenses. Only archery equipment could be used from November 1-15. A total of 88 licenses were issued.

All hunters that listed an email address were surveyed using Survey123 Software. All hunters who did not respond or did not supply an email address were mailed post card requests to respond through the GFP website. A total of 68 responses were received for a 77% return rate. Those responding reported hunting an average of 3.28 days, which projected to 289 recreation days for the season.

The harvest projection for the Custer State Park Deer season was 56 deer (28 adult whitetail bucks, 25 adult whitetail does, and 3 adult mule deer bucks). The overall season harvest success rate was 63%.

Summary comparison of the 2011-2020 seasons

Year	Apps	Licenses	Whitetail		Mule		Total	Success	Avg Days Hunted
			Bucks	Does	Bucks	Does			
2011	1,831	47	10	23	2	0	35	88%	2.6
2012	1,825	12	10	0	1	0	11	92%	3.5
2013	1,474	30	7	17	0	0	24	80%	3.3
2014	1,755	30	8	13	0	0	21	68%	2.2
2015	1,866	29	8	15	0	0	23	79%	2.9
2016	2,088	40	10	19	0	0	29	72%	2.3
2017	2,391	64	30	11	1	0	42	66%	3.5
2018	2,503	64	26	9	0	0	36	56%	2.6
2019	1,199	87	26	24	3	0	53	61%	3.4
2020	1,080	88	28	25	3	0	56	63%	3.3

### 2020 Custer State Park Deer Harvest Projections

Last Revised: 7-Apr-21

Unit/Type	Licenses				Harvest Projections												Mean Satisfctn Score	Avg Days Hunted
	Resident				Success	Whitetail				Mule Deer				Total Deer Harvested	CI (95%)			
	Appl. 1st Choice *	Avail.	Sold	Resp.		Bucks		Does		Bucks		Does						
						Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
CU1-01	575	5	5	80%	75%	1	0	0	0	3	0	0	0	4	+/-1	6.75	7.00	
CU1-11	466	33	33	76%	80%	26	0	0	0	0	0	0	0	26	+/-3	6.28	5.25	
CU1-13	39	50	50	78%	51%	0	0	24	1	0	0	0	0	26	+/-4	6.07	1.62	
	1,080	88	88	77.3%	63%	28	0	24	1	3	0	0	0	56	+/-7	6.19	3.28	

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

\* Number of 1st drawing applicants with that season as 1st choice.

## **MOUNTAIN GOAT**

The 2020 season for Mountain Goats in the Black Hills was open from September 1 through December 31. There were two licenses issued for the Mountain Goat season in the Black Hills. There were 3,970 applicants for those two licenses. Both hunters were successful, each harvested a billy, and reported hunting 16 total days.

Comparison of the 2015-2020 Black Hills Mountain Goat seasons

<b>Year</b>	<b>Apps/Licenses</b>	<b>Billies Harvested</b>	<b>Nannies Harvested</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2015	3,758/2	1	1	100%	4.3
2016	3,564/2	2	0	100%	8.0
2017	3,505/2	2	0	100%	14.0
2018	3,511/2	1	1	100%	11.0
2019	3,807/2	1	1	100%	12.0
2020	3,970/2	2	0	100%	8.0

## **BIGHORN SHEEP**

The 2020 seasons for Bighorn Sheep were open from September 1 through December 31. Three licenses were available in unit 2, one license in unit 3, and two licenses in unit 4. There were 4,885 applicants for the six any-bighorn licenses (1,152 for unit 2, 1,240 for unit 3, and 2,493 for unit 4). An additional license was auctioned to the highest bidder and was valid in unit 3. All hunters were successful at harvesting a ram and reported an average of 5.3 days hunting. One license was available for the Custer State Park Bighorn Sheep season. That hunter successfully harvested a ram in 6 days of hunting.

Comparison of the 2011-2020 Black Hills Bighorn Sheep seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Rams Harvested</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2011	3,614	3	3	100%	6.7
2012	3,381	2	2	100%	6.0
2013	4,033	3	3	100%	4.5
2014	4,336	3	3	100%	9.2
2015	4,757	3	3	100%	13.0
2016	4,538	3	3	100%	4.0
2017	4,357	3	3	100%	16.7
2018	4,410	4	4	100%	6.0
2019	4,823	4	4	100%	18.5
2020	4,885	7	7	100%	5.3

Comparison of the 2001-2020 Custer State Park Bighorn Sheep seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Rams Harvested</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2001	2,466	3	3	100%	1.7
2002	2,424	2	2	100%	2.5
2003	2,506	2	2	100%	1.5
2004	2,725	3	3	100%	4.0
2005-2019	CLOSED	-	-	-	-
2020	3,390	1	1	100%	6

# **MOUNTAIN LION**

The 2019/20 Black Hills season opened on December 26, 2019 and ended on April 30, 2020. The harvest limit was 60 total or 40 female mountain lions. After the Black Hills season closed, anyone with a valid 2020 license who did not take a mountain lion could hunt the remainder of the calendar year on land that was located outside the Black Hills Fire Protection District.

There were 2,907 resident mountain lion licenses issued prior to the end of the 2019/20 Black Hills season. A total of 74 access permits were also issued for Custer State Park (CSP), 15 of those allowing the use of hounds. Hunters who purchased a license after the regular Black Hills season ended were not surveyed.

Surveys were emailed or mailed to all hunters who purchased a license before the Black Hills season ended and the survey response rate was 63%. Active hunters reported hunting an average of 8.3 days outside of CSP and 5.0 days inside CSP. Average hunter satisfaction outside CSP was 4.65 and 5.18 inside CSP. Satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

The overall Black Hills success rate was 4.46%, with a total of 51 mountain lions harvested, 27 of which were females. Hunter success for active mountain lion hunters in the Black Hills (excluding those with a CSP access permit) was 3.63%, whereas success for those with a hound access permit in CSP was 73.3%. Check station data for the Black Hills showed that 20 mountain lions were harvested in Custer County, 14 in Lawrence County, 12 in Pennington County, 2 in Meade County, and 2 in Fall River County. Eleven mountain lions were harvested within Custer State Park, all by hunters with access permits that allowed the use of hounds.

A total of 14 mountain lions were harvested on the prairie outside of the Black Hills Fire Protection District from May 1, 2019 to April 30, 2020. The total included 10 subadult males, 1 adult male, and 3 subadult females.

Harvest statistics for 2010/11 - 2019/20 Black Hills Mountain Lion seasons (excluding CSP)

YEAR	Season Length (Days)	Licenses Sold	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2010/11	52	2,325	1,790	19	26	6.6	5.11
2011/12	61	3,482	2,646	27	42	7.1	4.92
2012/13	96	4,351	2,872	23	31	7.3	4.71
2013/14	96	3,293	1,861	18	26	6.9	4.69
2014/15	96	3,211	1,689	18	20	7.1	4.58
2015/16	97	3,102	1,529	11	24	7.1	4.75
2016/17	96	2,561	1,153	10	13	6.9	4.51
2017/18	96	2,878	1,199	7	15	7.3	4.87
2018/19	96	2,818	1,132	8	6	6.9	4.81
2019/20	127	2,907	1,144	15	25	8.3	4.65

## 2019/20 Black Hills Mountain Lion Harvest Projections

Last Revised:  
23-Aug-20

Last Revised:  
23-Aug-20

Unit/Type	Resident Licenses		Response Rate	Active Hunters		Active Hunter Success	Harvest Reports						Total Lion Harvest	Mean Satisfaction Rating		Average Days Hunted	
	Avail.	Sold		Black Hills	CSP		Males			Females				BHills	CSP	BHills	CSP
							Adult	Subadult	<1 year	Adult	Subadult	<1 year					
Black Hills (no CSP permit)	Unlimited	2,833	63%	1,103	----	3.63%	5	7	3	14	8	3	40	4.65	----	8.2	----
CSP Boot Access Permit	60	59	76%	35	24	0.0%	0	0	0	0	0	0	0	5.53	4.77	13.0	3.6
CSP Hound Access Permit	15	15	80%	6	15	73.3%	5	4	0	1	1	0	11	4.27	5.83	3.2	7.1
Totals		2,907	63.3%	1,144	39	4.46%	10	11	3	15	9	3	51	4.65	5.18	8.3	5.0

Harvest statistics for 2011/12 - 2019/20 Custer State Park Mountain Lion seasons

YEAR	Season Length (Days)	Permits Issued	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2011/12	61	74	57	0	4	4.4	5.03
2012/13	96	162	104	3	4	3.8	4.88
2013/14	96	136	92	4	5	3.6	4.99
2014/15	96	136	90	3	2	3.4	4.60
2015/16	97	57	30	5	1	5.6	5.44
2016/17	96	57	37	4	3	3.7	5.13
2017/18	96	57	41	5	4	4.0	5.26
2018/19	96	57	38	5	2	4.3	5.63
2019/20	127	74	39	9	2	5.0	5.18

Reported participation and mean days hunted by Custer State Park permit period

2019/2020 CSP Lion Season	Mean Days Hunted									TOTAL
	Dec. 26 Jan 8 <sup>a</sup>	Jan 9 Jan 22	Jan 23 Feb 5 <sup>a</sup>	Feb 6 Feb 19	Feb 20 Mar 4 <sup>a</sup>	Mar 5 Mar 18	Mar 19 Apr 1 <sup>a</sup>	Apr 2 Mar 15	Apr 16 Apr 30 <sup>a</sup>	
Permits Issued	3	15	3	14	3	15	3	15	3	74
Sample (n)	3	15	3	14	3	15	3	15	3	74
Responded (N)	3	12	1	11	2	13	3	9	3	57
Response Rate	100%	80%	33%	79%	67%	87%	100%	60%	100%	77.0%
Reported Did Not Hunt	0	7	0	4	0	8	0	8	0	27
Reported Hunted	3	5	1	7	2	5	3	1	3	30
<b>Projected Hunted</b>	3	6	3	9	3	6	3	2	3	38
<b>Projected Days Hunted</b>	12	24	12	34	23	13	28	13	26	185
<b>Mean Days Hunted</b>	4.0	3.8	4.0	3.9	7.5	2.2	9.3	8.0	8.7	4.9
Lions Harvested <sup>b</sup>	3	0	3	0	3	0	0	0	2	11

a. hunting with hounds allowed

b. total lions harvested based on mandatory check-in data, not returned surveys.

Lion hunters' preference for mountain lion population over the next 5 years

	All Licensed Lion Hunters	Inactive Lion Hunters	Active Lion Hunters	Harvested a Lion
<b>Decrease A Lot</b>	18.1	20.9	14.3	10.8
<b>Decrease A Little</b>	18.6	19.2	17.9	13.5
<b>Stay About the Same</b>	39.6	36.0	44.4	64.9
<b>Increase A Little</b>	11.1	9.2	13.5	10.8
<b>Increase A Lot</b>	4.1	3.6	4.8	—
<b>Not Sure</b>	8.49	11.09	5.1	—
<b>N</b>	1,673	947	726	37
<b>Mean*</b>	2.61	2.5	2.75	2.76

\*Mean preference is based on a scale of 1-5, where "1" is decrease a lot, "3" is stay the same, and "5" is increase a lot.